

TAPR BBS Special Interest Group Archive, January 1996 through December 1996

January 1996 through December 1996

TAPR's forum for packet-radio bulletin-board operators and users, including hierarchical addressing, message forwarding, BBS software, sysop practices, user education, network efficiency, and systems such as FBB, JNOS, RLI, 4RE, GTEPMS, and NNA.

This volume contains 11 original monthly files and 1,356 messages, arranged chronologically. The PDF is a readable access copy: MIME transfer encodings are decoded, HTML bodies are converted to plain text, and non-text attachments are represented by descriptive notes. The raw source text is supplied separately with the Internet Archive item.

This is the TAPR BBS Special Interest Group discussion list, not the separate TAPR-BB organizational announcement list.

Month	Messages	Original source file
1996-01	122	bbssig.9601
1996-02	101	bbssig.9602
1996-03	143	bbssig.9603
1996-04	86	bbssig.9604
1996-06	70	bbssig.9606
1996-07	32	bbssig.9607
1996-08	28	bbssig.9608
1996-09	156	bbssig.9609
1996-10	294	bbssig.9610
1996-11	286	bbssig.9611
1996-12	38	bbssig.9612

January 1996

Original source file: bbssig.9601

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9601

1. Re: [BBSSIG:2107] 4-character designators and TAPR....

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 1 Jan 1996 05:20:44 -0700
To: bbssig@tapr.org
Message-ID: <199601011220.FAA13786@acca.nmsu.edu>
Rendered body type: text/plain

At 08:10 PM 12/28/95 -0600, you wrote:
>[This is not MEANT as a TAPR flame. Just a reality check...]
>
>
>I'm sure that more than just Hank and I are aware of the fueling debate
>on packet to sysop@ww over continent designators.
>
>I am SHOCKED, though, that TAPR could let Hank take the heat for this!
>
>I am also SHOCKED, that *MANY* have asked questions like "who SAID TAPR
>was involved". I'm not shocked that some SYSOPs might ask this, I'M
>SHOCKED that NO ONE from TAPR has jumped in there to set the record straight!
>

I'm not surprised. Like you I think TAPR is trying to do lofty things like fund satellites and explore DSP. The day-to-day stuff is not important.

>It would SEEM to the uninformed like Hank *WAS* doing as he has been
>accused of; lying about TAPR having ANY part in the issue.
>
>Doesn't anyone from the TAPR leadership read packet mail? If not, TAPR
>*REALLY* has a deep rooted problem....
>
>Doesn't anyone from the TAPR leadership feel the need to set the record
>straight, or are they content with allowing Hank to bear the heat?
>
>If TAPR wishes to be regarded as an International group (which many are
>denying in that thread), they need to act responsibly in relation to
>their actions.

Well Brian, your a member of TAPR and an "important person" who writes BBS software. I think a sp sysop@usa from you will carry weight.

The BIG problem is that you and I see the debate as much ado about nothing. But this SIG did support the 4 letter code. I think somewhere there is a listing of the world wide proposed 4 letter codes. I don't seem to have it. I have received several requests for this information ON PACKET RADIO.

>
>Some in that thread have basically said, "*IF* TAPR DID back this, that
>would be sufficient for me", but of course, with TAPR's 'radio silence',
>they are left to believe that TAPR DOESN'T support the proposal.
>
>I know that Hank has received far worse flames (since I've sent him worse
>;-), but it is not HIS place to describe TAPR's position.
>
>If TAPR is NOT involved in the Packet Store-and-forward 'Network', then
>what DOES the 'PR' in TAPR mean?!?!?!
>

A good question. Sure glad you see you appreciate the Packet Store and Forward "Network". Not many Hams wonder how the BBS gets mail 1000 miles when they can only node-hop 100 miles...

>-----
>Brian A. Lantz <http://www.lantz.com> brian@lantz.com
>

>REAL PORTION of Microsoft Windows code:
> while (memory_available) {
> eat_major_portion_of_memory (no_real_reason);
> if (feel_like_it)
> {
> make_user_THINK (this_is_an_OS);
> gates_bank_balance++;
> }
> while (brian fumes)

```

        {
        enjoy multitasking;
        win95++;
        write papers;
        }
    return Pleasure;
}

>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

```

2. 4 letter designators.

From: "Bill Barnes, N3JIX" <n3jix@epix.net>
 Date: Mon, 1 Jan 1996 11:23:48 -0500 (EST)
 To: bbssig@tapr.org
 Message-ID: <Pine.SUN.3.91.960101112215.29417A-100000@mango.epix.net>
 Rendered body type: text/plain

Karl, and all who are interested.
 I saw the recommendation on Tapr's FTP server.

It's in the /tapr/SIG/bbssig/recommendations

It's the only file there...

Enjoy!

```

73, de Bill, N3JIX
*****
* Bill Barnes, N3JIX *
* Internet: n3jix@epix.net *
* WWW: http://www.epix.net/~n3jix/ *
* Packet : n3jix@n3jix.#epa.pa.usa.noam *
*****

```

3. For those who may care...

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
 Date: Mon, 1 Jan 1996 13:36:41 -0500 (EST)
 To: BBSSIG@tapr.org
 Cc: EDSADOW@ids.net
 Message-ID: <960101133641.11a55@ids.net>
 Rendered body type: text/plain

**** Continental Designators ****

```

    EURO -- Europe
    MEDR -- Mediterranean
    INDI -- Indian Ocean including the Indian subcontinent
    MDLE -- Middle East
    SEAS -- South-East Asia
    ASIA -- The Orient

    NOAM -- North America (Canada, USA, Mexico)
    CEAM -- Central America
    CARB -- Caribbean
    SOAM -- South America

    AUNZ -- Australia/New Zealand
    EPAC -- Eastern Pacific
    NPAC -- Northern Pacific
    SPAC -- Southern Pacific
    WPAC -- Western Pacific

    NAFR -- Northern Africa
    CAFR -- Central Africa
    SAFR -- Southern Africa

    ANTR -- Antarctica
  
```

**** Country Designators ****

Country	Code	Prefix
-----	----	-----
Afghanistan	AFG	

Albania	ALB	
Algeria	DZA	
American Samoa	ASM	
Andorra	AND	
Angola	AGO	
Antarctica	ATA	
Antigua	ATG	
Argentina	ARG	LU
Australia	AUS	VK
Austria	AUT	OE
Bahamas	BHS	
Bahrain	BHR	
Bangladesh	BGD	
Barbados	BRB	
Belgium	BEL	ON
Belize	BLZ	
Benin	BEN	
Bermuda	BMU	
Bhutan	BTN	
Bolivia	BOL	
Botswana	BWA	
Bouvet Is.	BVT	
Brazil	BRA	
British Indian Ocean	IOT	
British Virgin Is.	VGB	
Brunei	BRN	
Bulgaria	BGR	
Burma	BUR	
Burundi	BDI	
Byelorussian SSR	BYS	
Cameroon	CMR	
Canada	CAN	
Canton and Enderbury Is.	CTE	
Cape Verde	CPV	
Cayman Is.	CYM	
Central African Republic	CAF	
Chad	TCD	
Chile	CHL	
China	CHN	
Christmas Is.	CXR	
Cocos Is.	CCK	
Columbia	COL	
Comoros	COM	
Congo	COG	
Cook Is.	COK	
Costa Rica	CRI	
Cuba	CUB	
Cyprus	CYP	
Czechoslovakia	CSK	
Denmark	DMK	
Djibouti	DJI	
Dominica	DMA	
Dominican republic	DOM	
Dronning maud land	ATN	
East timor	TMP	
Ecuador	ECU	
Egypt	EGY	
El salvador	SLV	
Equatorial guinea	GNQ	
Ethiopia	ETH	
Faeroe Is.	FRO	
Falkland Is.	FLK	
Fiji	FJI	
Finland	FIN	
France	FRA	F
French Guiana	GUF	
French Polynesia	PYF	
Gabon	GAB	
Gambia	GMB	
Germany	DEU	DL DJ
Ghana	GHA	
Gibraltar	GIB	
Greece	GRC	
Greenland	GRL	
Grenada	GRD	
Guadeloupe	GLP	
Guam	GUM	
Guatemala	GTM	
Guinea	GIN	

Guinea-bisseu	GNB	
Guyana	GUY	
Haiti	HTI	
Heard and Mc Donald Is.	HMD	
Honduras	HND	
Hong kong	HKG	
Hungary	HUN	
Iceland	ISL	
India	IND	
Indonesia	IDN	
Iran	IRN	
Iraq	IRQ	
Ireland	IRL	
Israel	ISR	
Italy	ITA	
Ivory coast	CIV	
Jamaica	JAM	
Japan	JPN	
Johnston Is.	JTN	
Jordan	JOR	
Kampuchea	KHM	
Kenya	KEN	
Kiribati	KIR	
North Korea	PRK	
South Korea	KOR	
Kuwait	KWT	9K2
Laos	LAO	
Lebanon	LBN	
Lesotho	LSO	
Liberia	LBR	
Libyan	LBY	
Liechtenstein	LIE	
Luxembourg	LUX	
Macau	MAC	
Madagascar	MDG	
Malawi	MWI	
Malaysia	MYS	
Maldives	MDV	
Mali	MLI	
Malta	MLT	
Martinique	MTQ	
Mauritania	MRT	
Mauritius	MUS	
Mexico	MEX	XE
Midway Is.	MID	
Monaco	MCO	
Mongolia	MNG	
Montserrat	MSR	
Morocco	MAR	
Mozambique	MOZ	
Namibia	NAM	
Nauru	NRU	
Nepal	NPL	
Netherlands	NLD	
Netherlands Antilles	ANT	
New Caledonia	NCL	
New Zealand	NZL	
Nicaragua	NIC	
Niger	NER	
Nigeria	NGA	
Niue	NIU	
Norfolk Is.	NFK	
Norway	NOR	
Oman	OMN	
Pacific Is.	PCI	
Pakistan	PAK	
Panama	PAN	
Papua New Guinea	PNG	
Paraguay	PRY	
Peru	PER	
Philippines	PHL	
Pitcairn Is.	PCN	
Poland	POL	SP
Portugal	PRT	
Puerto Rico	PRI	KP4
Qatar	QAT	
Reunion	REU	
Romania	ROM	
Rwanda	RWA	

St. Helena	SHN	
St. Kitts Nevis Anguilla	KNA	
Saint Lucia	LCA	
St. Pierre and Miquelon	SPM	
Saint Vincent and the Grenadines	VCT	
Samoa	WSM	
San Marino	SMR	
Sao Tome and Principe	STP	
Saudi Arabia	SAU	
Senegal	SEN	
Seychelles	SYC	
Sierra Leone	SLE	
Singapore	SGP	
Solomon Is.	SLB	
Somalia	SOM	
South Africa	ZAF	ZS
Spain	ESP	EA
Sri Lanka	LKA	
Sudan	SDN	
Suriname	SUR	
Svalbard and Jan Mayen Is.	SJM	
Swaziland	SWZ	
Sweden	SWE	
Switzerland	CHE	
Syria	SYR	
Taiwan	TWN	
Tanzania	TZA	
Thailand	THA	
Taiwan	TWN	
Togo	TGO	
Tokelau	TKL	
Tonga	TON	
Trinidad and Tobago	TTO	
Tunisia	TUN	
Turkey	TUR	
Turks and Caicos Is.	TCA	
Tuvalu	TUV	
Uganda	UGA	
Ukrainian SSR	UKR	
United Arab Emirates	ARE	
United Kingdom	GBR	
United States	USA	AA-AL K N
US Misc. Pacific Is.	PUS	
US Virgin Is.	VIR	KV4
Upper Volta	HVO	
Uruguay	URY	
Ussr	SUN	
Vanuatu	VUT	
Vatican City State	VAT	HV
Venezuela	VEN	YV
Vietnam	VNM	
Wake Is.	WAK	
Wallis and Futuma Is.	WLF	
Western Sahara	ESH	
Yemen	YEM	
Democratic Yemen	YMD	
Yugoslavia	YUG	
Zaire	ZAR	
Zambia	ZMB	
Zimbabwe	ZWE	

4. Re: [BBSSIG:2117] 4 letter designators.

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
 Date: Mon, 1 Jan 1996 11:47:30 -0700
 To: bbssig@tapr.org
 Message-ID: <199601011847.LAA17421@acca.nmsu.edu>
 Rendered body type: text/plain

At 10:26 AM 1/1/96 -0600, you wrote:
 >Karl, and all who are interested.
 >I saw the recommendation on Tapr's FTP server.
 >
 >It's in the /tapr/SIG/bbssig/recommendations
 >
 >It's the only file there...
 >
 >Enjoy!
 >
 >

Sure will! Thanks and will ftp there asap...

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

5. NOAM comments

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 1 Jan 1996 13:19:34 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601011919.NAA03057@zeus.ia.net>
Rendered body type: text/plain

Happy New Year !

Well I'm back catching up on some of the last weeks email and I'll consume a little bandwidth to comment to the SIG.

1. I don't know exactly what triggered the Europeans to start commenting on the 2/4 letter continent codes. Its obvious some BBS are now attempting to enforce the 4 letter codes.
2. I and TAPR welcome the discussion of FACTS relating to this situation. >From what I see on packet, there hasn't been much factual said.
3. Brian, your comments were quite appropriate.
4. Hank, let me publicly apologize for letting you take the heat on this. It was not intentional and I will be posting comments later today both to the BBSSIG and on packet.
5. I have sent personal notes to a few of the Sysops who have had good questions. I will continue to ignore comments (and commentors) who are engaging in personal flamse.
6. The recommendation is available on the TAPR ftp/www site. If anyone needs it via email, pplease drop me a note and I'll send it to you.
7. This issue has been going on for 5 years. The fact that it has not come to a close is very poor statement on the organization of the Sysops both in the US and worldwide. When simple matters such as this can not be resolved, there is little hope of moving on to issues of greater importance.

73 Barry

6. Re: [BBSSIG:2116] Re: 4-character designators and TAPR....

From: ei7gm@iol.ie (Paul Kearney)
Date: Tue, 02 Jan 1996 17:59:54 +0000
To: bbssig@tapr.org
Message-ID: <199601021801.SAA14780@GP0.iol.ie>
Rendered body type: text/plain

>At 08:10 PM 12/28/95 -0600, you wrote:
>>[This is not MEANT as a TAPR flame. Just a reality check...]
>>
>>
>>I'm sure that more than just Hank and I are aware of the fueling debate
>>on packet to sysop@ww over continent designators.
>>
>>I am SHOCKED, though, that TAPR could let Hank take the heat for this!
>>
>>I am also SHOCKED, that *MANY* have asked questions like "who SAID TAPR
>
>

I recently approached TAPR via their "More Info About TAPR Request Page" and informed whoever read the message that TAPR has been labelled as claiming the right to decide on continental designators and that many European SysOps were not impressed with the apparent forcing of .EURO as an address.

I received an ACK from a fellow Ham (KA5... , Sorry cant remember full call).

Given that I do not operate regular hours into my local Server maybe there is a reply from TAPR to my query awaiting as I type this so the answer from the "Horse's Mouth" might be waiting for me.

I too have seen recent messages from Hank , who unfortunately, being a well known operator and being involved in the choice of the original .na .eu etc etc will always receive many messages.

Once Hank replied on the subject , that was it. No matter what he said, it then meant that he was associated with the subject and so received even more messages and flames about it regardless of his innocence.

The same goes on any subject -
Those who are closely involved in a topic will either get praise or flames !

And we all know what the ratio praise:flames will be :-[

73 Paul ei7gm @ ei7gm.#81.irl.eu not .euro (Dublin _ Ireland)

7. Re: [BBSSIG:2118] For those who may care...

From: ei7gm@iol.ie (Paul Kearney)
Date: Tue, 02 Jan 1996 17:59:49 +0000
To: bbssig@tapr.org
Message-ID: <199601021801.SAA14768@GPO.iol.ie>
Rendered body type: text/plain

```
>                               ** Continental Designators **
>
>      EURO -- Europe
>      MEDR -- Mediterranean
>      INDI -- Indian Ocean including the Indian subcontinent
>      MDLE -- Middle East
```

[[[snip]]]

```
>Zambia                      ZMB
>Zimbabwe                    ZWE
>
>
```

All very nice but

Who in EUROPE agreed with using .EURO as part of their address ?

Who in EUROPE has voted on the above which is apparently being shown as an 'official document' with some sort of 'authority of standard' ?

Who has been editing European mail-headers so that .EU changes into .EURO in order to force compliance of above 'document' ?

In whose name has all this been happening ?

73 Paul ei7gm , sysop of ei7gm.#81.irl.eu (Dublin _ Ireland)

8. Re: [BBSSIG:2120] NOAM comments

From: hank_oredson@MENTORG.COM (Hank Oredson)
Date: Tue, 2 Jan 96 12:25:21 PST
To: bbssig@tapr.org
Message-ID: <9601021225.ZM25682@hanko>
Rendered body type: text/plain

On Jan 1, 1:36pm, Barry Buelow WA0RJT wrote:
> Subject: [BBSSIG:2120] NOAM comments
> Happy New Year !
>
> Well I'm back catching up on some of the last weeks email and I'll
> consume a little bandwidth to comment to the SIG.
>
> 1. I don't know exactly what triggered the Europeans to start
> commenting on the 2/4 letter continent codes. Its obvious some
> BBS are now attempting to enforce the 4 letter codes.
>
> 2. I and TAPR welcome the discussion of FACTS relating to this situation.
> >From what I see on packet, there hasn't been much factual said.
>
> 3. Brian, your comments were quite appropriate.
>
> 4. Hank, let me publicly apologize for letting you take the heat on
> this. It was not intentional and I will be posting comments later today
> both to the BBSSIG and on packet.

It's no big deal ... I've been kinda vocal about various issues

for many years, and don't mind folks yelling at me. Hope the new level of interest in this issue will result in some resolution.

>
> 5. I have sent personal notes to a few of the Sysops who have had
> good questions. I will continue to ignore comments (and commentors)
> who are engaging in personal flamse.
>
> 6. The recommendation is available on the TAPR ftp/www site. If
> anyone needs it via email, pplease drop me a note and I'll send it
> to you.
>
> 7. This issue has been going on for 5 years. The fact that it has not
> come to a close is very poor statement on the organization of the Sysops
> both in the US and worldwide. When simple matters such as this can not
> be resolved, there is little hope of moving on to issues of greater
> importance.

Much longer than five years. The original discussion took place at the TAPR annual meeting in 1987. Might be off by one year ... could have been 1986. So it's been 8 or maybe even 9 years now.

... Hank

--

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

9. about the comments

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 2 Jan 1996 19:43:53 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601030143.TAA25127@zeus.ia.net>
Rendered body type: text/plain

Hello all,

I am about to post some "official" TAPR comments on the debate over NO/NOAM, EU/EURO, etc.

The next post will be in the form of a packet bulletin, please post it to you local BBS, but be sure not to change the BID.

I would also suggest that BBSSIG members in Europe consider telling your friends to join the BBSSIG. I have noticed a few new members signing on from Europe. I didn't include this in the other posting as I don't want to be accused of advertising over packet. (even if it isn't).

I have also NOT taken any shots at the ARRL over this. Some people have aimed in that direction.

73 Barry

10. Official Comments (NOAM)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 2 Jan 1996 19:49:05 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601030149.TAA25175@zeus.ia.net>
Rendered body type: text/plain

SB SYSOP@WW <WA0RJT \$TAPR_123095
TAPR Recommendation of NOAM, EURO, etc.

The following are some general comments on the recommendation for 4 letter continent designators.

Regarding TAPR:

TAPR brought forward this recommendation in an attempt to bring some organization to the BBS Sysops and to bring closure to the discussion. In the absence of a formal organization with procedures for resolving such issues, TAPR was providing leadership and trying to achieve consensus.

TAPR is accused of being arrogant and imperialistic. That really isn't the case, even if it may be a perception. In the sense the TAPR is perceived to "speak for the US", exactly who speaks for Europe?

In 1994, TAPR mailed a letter to a list of over 1800 U.S. Sysops. Among other things, the letter referred to the NOAM recommendation. The Sysop list was compiled from packet message headers.

TAPR provides a number of free services to Sysops, such as maintaining a list of regional organizations which support digital modes and operating the BBSSIG listserver on Internet.. Both the recommendation and regional organization list can be accessed on the Internet at ftp.tapr.org or www.tapr.org. If you want this information via packet, please send me a message.

Regarding the discussion:

The recommendation was not created in a vacuum. A heated discussion took place for over a year. It was conducted on packet, on Internet and in public meetings such as BBSSIG meetings at Dayton. This was an ad hoc discussion, not something TAPR started.

The original discussion was primarily NO vs. NOAM and had little participation from Europe. When the recommendation was made, it included 4 letter designators for all continents. Now, Europe is becoming more aware of the recommendation and their discussion of it is quite understandable.

The most cited reference for the 4 letter continent designator is the work of Tom Clark W3IWI published in the Proceedings of the ARRL 9th Computer Networking Conference (1990). This constitutes prima facie evidence of the discussion now going on for 5 years! W0RLI pointed out a reference to this discussion in 1987 at the TAPR annual meeting.

Regarding the "standard":

Although it is widely accepted, there is NO document establishing a standard of NA, EU, etc., The argument that TAPR is not empowered to change NA to NOAM is invalid, since there is nothing to "change".

If you read the recommendation, you will see that it suggests the format x.3.4 where:

- x = a local identifier of unspecified length,
- 3 = the country code in 3 character format,
- 4 = the continent code in 4 character format.

A substantial number of details for BBS interoperability have been agreed to by the BBS authors. Sysops usually have little or no visibility of this, but benefit substantially from the "standard". In fact, this is more of a working agreement rather than a standard. While forwarding features require an agreement between a few individuals, BBS specific implementation require cooperation between all Sysops.

The TAPR recommendation is just that, a RECOMMENDATION! It is intended to benefit the digital community. Those who chose to accept the recommendation, thank you. To those who chose not to, please attempt to evaluate the recommendation on its merits.

As Chairman of the TAPR BBSSIG, I welcome the discussion of this and any other issue affecting Sysops, provided the comments are factual and not personal attacks.

Barry Buelow WA0RJT
TAPR BBSSIG

PACKET: WA0RJT@WA0RJT.IA.USA.NOAM
INTERNET: BARRY@IA.NET

/EX

11. Re: [BBSSIG:2125] about the comments

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 2 Jan 1996 22:45:33 -0700 (MST)
To: bbssig@tapr.org
Message-ID: <Pine.SUN.3.91.960102224017.27785A-100000@acca>
Rendered body type: text/plain

On Tue, 2 Jan 1996, Barry Buelow WA0RJT wrote:

> Hello all,
>
> I am about to post some "official" TAPR comments on the debate over
> NO/NOAM, EU/EURO, etc.

>
>
>

Be aware that I posted 3 files to sysop@usa that contains the
"Official" TAPR recommendation. It was too big for a single message.

Since Remi F6CNB is down it will take longer for these bulletins
to reach the East Coast.

73 karl k5di

12. Re: [BBSSIG:2127] Re: about the comments

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Wed, 3 Jan 1996 13:02:52 -0400
To: bbssig@tapr.org
Message-ID: <199601031702.NAA15284@bud.peinet.pe.ca>
Rendered body type: text/plain

>
>

>On Tue, 2 Jan 1996, Barry Buelow WA0RJT wrote:

>

>> Hello all,

>>

>> I am about to post some "official" TAPR comments on the debate over
>> NO/NOAM, EU/EURO, etc.

>>
>>

> Be aware that I posted 3 files to sysop@usa that contains the
>"Official" TAPR recommendation. It was too big for a single message.

>

> Since Remi F6CNB is down it will take longer for these bulletins
>to reach the East Coast.

>

>73 karl k5di

>

I suggest the messages be posted to this group in BBS mail format (complete
with BID) so we can make sure they get around.
73 - Ron VE1AIC

13. Re: [BBSSIG:2127] Re: about the comments

From: hank_oredson@MENTORG.COM (Hank Oredson)
Date: Wed, 3 Jan 96 10:10:19 PST
To: bbssig@tapr.org
Message-ID: <9601031010.ZM27977@hanko>
Rendered body type: text/plain

On Jan 2, 11:55pm, Karl F. Larsen wrote:

> Subject: [BBSSIG:2127] Re: about the comments

>

>

> On Tue, 2 Jan 1996, Barry Buelow WA0RJT wrote:

>

>> Hello all,

>>

>> I am about to post some "official" TAPR comments on the debate over
>> NO/NOAM, EU/EURO, etc.

>>
>>

> Be aware that I posted 3 files to sysop@usa that contains the
> "Official" TAPR recommendation. It was too big for a single message.

>

> Since Remi F6CNB is down it will take longer for these bulletins
> to reach the East Coast.

I posted it as a single bulletin.
Only 10k, didn't want parts to get lost.

Maybe if lots of folks post it, it will actually get "everywhere."

... Hank

--

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

14. Re: [BBSSIG:2126] Official Comments (NOA)

From: SLSC65A@prodigy.com (MR RODNEY G FOWLER)
Date: Wed, 03 Jan 1996 15:01:32 EST
To: bbssig@tapr.org
Message-ID: <091.07847097.SLSC65A@prodigy.com>
Rendered body type: text/plain

Hi Barry,

Thanks for the bulletin and I found that it had not reached my BBS as yet
but it is there now with the proper BID\$ as you wanted! I sure this calms a
few hot heels out there..

73 de Rod (k2adj@k2adj.#snj.nj.usa.noam)

15. Re: [BBSSIG:2127] Re: about the comments

From: "John M. Wilcox" <0005018901@mcimail.com>
Date: Thu, 4 Jan 96 00:35 EST
To: bbssig <bbssig@tapr.org>
Message-ID: <02960104053520/0005018901PK3EM@MCIMAIL.COM>
Rendered body type: text/plain

I posted the message from Barry onto my bbs (KB1BSC.FN44RN.ME.USA.NOAM)
today. Maybe
this will speed the enlightenment!?

----- REPLY, Original message follows -----

> Date: Wednesday, 03-Jan-96 01:13 AM
>
> From: bbssig \ Internet: (bbssig@tapr.org)
> To: JOHN WILCOX \ MCI Mail: (JWILCOX / MCI ID: 501-8901)
>
> Subject: [BBSSIG:2127] Re: about the comments
>
>
>
> On Tue, 2 Jan 1996, Barry Buelow WA0RJT wrote:
>
> > Hello all,
> >
> > I am about to post some "official" TAPR comments on the debate over
> > NO/NOAM, EU/EURO, etc.
> >
> >
> >
> Be aware that I posted 3 files to sysop@usa that contains the
> "Official" TAPR recommendation. It was too big for a single message.
>
> Since Remi F6CNB is down it will take longer for these bulletins
> to reach the East Coast.
>
> 73 karl k5di
>
>
>

----- REPLY, End of original message -----

16. An Example....

From: ei7gm@iol.ie (Paul Kearney)
Date: Thu, 04 Jan 1996 19:17:23 +0000
To: bbssig@tapr.org

Message-ID: <199601041920.TAA14078@GP0.iol.ie>
Rendered body type: text/plain
[Empty message body]
[Attachment: Z-BBSSIG.01; text/plain; 581 bytes]
[Attachment: Z-BBSSIG.02; text/plain; 5,903 bytes]

17. Re: NOAM comments

From: ei7gm@iol.ie (Paul Kearney)
Date: Thu, 04 Jan 1996 18:54:41 +0000
To: bbssig@tapr.org
Message-ID: <199601041857.SAA12807@GP0.iol.ie>
Rendered body type: text/plain

Hello Y'ALL
Greetings from Dublin EI !

FLAMES DEFINITELY __OFF__

PLAIN ENGLISH MODE __ON__

>

>> 1. I don't know exactly what triggered the Europeans to start
>> commenting on the 2/4 letter continent codes. Its obvious some
>> BBS are now attempting to enforce the 4 letter codes.
>>

What sparked me off was examining the mail headers arriving here
into Dublin - Ireland.

Many GBR/DEU/FRA etc MBX Headers had been edited to force .EURO endings.
This then corrupted many a WhitePages Entry and any version of
an agile H_Route_Lookup system where return messages would be
addressed to xxxxx.yyyyy.zzz.euro .

I saw one bulletin from one (I know, ONLY ONE) SysOp saying
that .EU would no be fwded anymore.

Someone else said , but its THE STANDARD ! It was voted on years ago .

Many European SysOps , said HUH? , what standard , what vote ?

>> 2. I and TAPR welcome the discussion of FACTS relating to this situation.
>> >From what I see on packet, there hasn't been much factual said.
>>

The text of many message here lead many to believe that TAPR had taken on
GLOBAL U.N. type duties and 'the vote' was now being applied as 'the
standard' and nothing else would do.

>

>It's no big deal ... I've been kinda vocal about various issues
>for many years, and don't mind folks yelling at me. Hope the new
>level of interest in this issue will result in some resolution.
>

When one has a well known callsign , you will always get PRAISE
but the flip-side is , you will also need asbestos gloves and
flak jacket !!

>

>

>Much longer than five years. The original discussion took place at
>the TAPR annual meeting in 1987. Might be off by one year ... could
>have been 1986. So it's been 8 or maybe even 9 years now.
>

Yes and European SysOps adjusted their forward files in order to
cope with the added .NOAM address (SOAM etc) and did not delete
the .NA line because alot of USA MBXs still use .NA
Note: Namibia on AX25 = .NAM. not .NA

73 Paul ei7gm @ ei7gm.#81.irl.eu

18. Re: [BBSSIG:2131] Re: about the comments

From: "Bill Barnes, N3JIX" <n3jix@epix.net>
Date: Thu, 4 Jan 1996 22:25:46 -0500 (EST)
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <199601050325.WAA12859@epix.net>
Rendered body type: text/plain

At 01:01 AM 1/4/96 -0600, John M. Wilcox wrote:
>I posted the message from Barry onto my bbs (KB1BSC.FN44RN.ME.USA.NOAM)
>today. Maybe
>this will speed the enlightenment!?

I doubt it, but I also posted it on my PBBS in Central PA, and forwarded it out to a few local PBBSeS...

73, de Bill, N3JIX

* Bill Barnes, N3JIX *
* Internet: n3jix@epix.net *
* WWW: http://www.epix.net/~n3jix/ *
* Packet : n3jix@n3jix.#epa.pa.usa.noam *

19. Re: [BBSSIG:2134] BBSSIG digest 335

From: djkc@chbi.co.uk
Date: Fri, 5 Jan 1996 13:06:11 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960105123643.25055A-100000@clara.leather.chbi.co.uk>
Rendered body type: text/plain

This debate appears to have sparked something off! I do have some observations and some requests:-

1. Can I endorse the remark from Eire that most (probably all) of the european BBSs have .4 letter continent designators in their forwarding files and forward perfectly happily on them (as well as the .2 letter ones).
2. This whole problem was brought to a head, probably, because certain (US) stations were forwarding amateur derived mail using our hierarchical addressing scheme plonked directly - without wrapping or significant translation - onto the internet (using a visually similar addressing scheme based on completely different premises and routing criteria) and discovering that it didn't go where it was intended.
3. As a result a number of BBS across the world changed to the four letter scheme - which is fine - we all made minimal changes to our routing tables and endured very little trouble on our WP system because it was just one or two address changes in amongst several others. All carries much as before...
4. But now we now have a situation where increasing numbers of (mainly, but not exclusively US) stations are REWRITING the header lines to ENFORCE their version of reality and as a result I am now increasingly finding that I my normal inter GB traffic routing is being affected and my (extensive) WP database is being.. well.. for want of a better word... corrupted.
5. I personally have no problem with either .2 or .4 but I will not change until a local agreement is made at one of national sysop meetings. This is the way it should be done. The change, should it come, MUST be instituted from INSIDE the domain, not imposed from OUTSIDE - that way lies total disorganisation, fractured routing etc etc.

So I finish with a plea:-

Please, please, will all those BBS who are now rewriting headers PLEASE desist.

73

Dirk G1TLH @ GB7TLH.#35.GBR.EU(R0)

20. AutoResponse

From: NULL@synapsis.it
Date: Fri, 5 Jan 96 14:32:04 +0100 (CET)
To: bbssig@tapr.org
Message-ID: <199601051431.IAA25331@sys1.tapr.org>
Rendered body type: text/plain

User not reachable. SMTP account disabled

21. AutoResponse

From: NULL@synapsis.it
Date: Fri, 5 Jan 96 15:51:14 +0100 (CET)
To: bbssig@tapr.org
Message-ID: <199601051550.JAA28080@sys1.tapr.org>
Rendered body type: text/plain

User not reachable. SMTP account disabled

22. Re: [BBSSIG:2135] Re: BBSSIG digest 335

From: garlic@garlic.com
Date: Fri, 05 Jan 1996 08:40:13 -0800
To: bbssig@tapr.org
Message-ID: <30ED546D.75AC@garlic.com>
Rendered body type: text/plain

djk@chbi.co.uk wrote:

>
>
>....
>
> 2. This whole problem was brought to a head, probably, because certain
> (US) stations were forwarding amateur derived mail using our
> hierarchical addressing scheme plonked directly - without wrapping or
> significant translation - onto the internet (using a visually similar
> addressing scheme based on completely different premises and routing
> criteria) and discovering that it didn't go where it was intended.
>

That was one of the problems but you need to read Tom W3IWI's paper.
There were much bigger problems. The best one I remember is Asia.
The route from here in California to Japan is much different than
the route from here to Israel but both would share the .AS routing
code. If my memory serves me correctly, at that time traffic from
Japan to Israel was routed via the US. The two letter continent codes
are useless in many cases. I found this especially true when I
started writing routing tables for the local satellite gateway.

>
> 5. I personally have no problem with either .2 or .4 but I will not
> change until a local agreement is made at one of national sysop meetings.
> This is the way it should be done. The change, should it come, MUST be
> instituted from INSIDE the domain, not imposed from OUTSIDE - that way
> lies total disorganisation, fractured routing etc etc.
>
> So I finish with a plea:-
>
> Please, please, will all those BBS who are now rewriting headers PLEASE
> desist.
>
> 73
>
> Dirk G1TLH @ GB7TLH.#35.GBR.EU(RO)
>
>

This decision can't be made at the national level. The education
problems would be immense. Can you imagine trying to explain to
someone why the routing is GBR.EU and FRA.EURO?

Some of the best and most experienced people in packet BBS discussed
the hierarchical designator problem and the TAPR recommendation is
the outcome. The other solution (which had a number of proponents)
was to scrap the continent designator all together.

Roy

23. AutoResponse

From: NULL@synapsis.it
Date: Fri, 5 Jan 96 17:27:34 +0100 (CET)
To: bbssig@tapr.org
Message-ID: <199601051727.LAA01422@sys1.tapr.org>
Rendered body type: text/plain

User not reachable. SMTP account disabled

24. Re: [BBSSIG:2135] Re: BBSSIG digest 335

From: jra1854@tntech.edu (Jeffrey Austen)
Date: Fri, 05 Jan 1996 13:37:17 -0600
To: bbssig@tapr.org
Message-ID: <v01530502ad13263033ad@[149.149.42.11]>
Rendered body type: text/plain

>5. I personally have no problem with either .2 or .4 but I will not
>change until a local agreement is made at one of national sysop meetings.
>This is the way it should be done. The change, should it come, MUST be
>instituted from INSIDE the domain, not imposed from OUTSIDE - that way
>lies total disorganisation, fractured routing etc etc.

No! That is like asking each city to name the country. Imagine the confusion which would exist if your country had different names depending on which city you were referring to. At the lower levels of the packet addressing hierarchy (state, province, etc.) people are free to do what they want -- and they should take advantage of that to implement a system which makes sense for their region. However, at the top level there *must* be one and only one standard which everybody agrees to follow; without it all we will have is chaos.

>Please, please, will all those BBS who are now rewriting headers PLEASE
>desist.

Definitely! It appears this is the real cause of the current problem.

Jeff, k9ja

Jeffrey Austen | Tennessee Technological University
jra1854@tntech.edu | Box 5004
+1 615 372 3485 | Cookeville Tennessee 38505 U.S.A.

25. RE: NOAM>NA + EU>EURO solution ???

From: Phillip Conza <zl2tze@mlb.planet.gen.nz>
Date: Sat, 6 Jan 1996 11:18:44 +1300 (NZDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960106105648.16560A-200000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

I have attached Part of my Fwd Include File so that others can see how I have dealt to the various addresses etc..

I have had this in place for 2 years now and I have NOT had 1 Message returned because of BAD ROUTE/ADDRESS..

It took me 5 mins to set it up and about 5 mins to test it..

I forward to the NZ HUB ZL2WA who feeds the Satgate station ZL4HG and it WORKS..

Some will say I have duplicated things but it WORKS and the mail ALL goes.. There maybe other ways to do it but this works for me and several other ZL BBS's...

Nobody likes being told what to do what to do and there are plenty of LAPPs (Local Amateur Packet Policeman) out there that will..

It would seems to me that TAPR has spent a lot of time and effort to have some sort of standard H Route set in place and have used people that have been in packet since its conception and are considered to be experts in this area...

I am not defending TAPR or the committee that put this Recommendation up but after reading several dozen Bulletins on Packet and this SIG I find NO one message has given me a 100% valid reason to either change or update.

We in NZ never Saw the Recommendations on Packet and I feel that I may have started all this when I wanted to know more about it..
Sorry if that is the case...

So I have come to the conclusion that all we are doing at this time is using band space with dozens of SYSOP Notes and FLAME Mail...

I hope the Info is of some use it may not be your cuppa tea but it WORKS here..

Lets stop the FLAMES and get down to what we do best ..DELIVER the MAIL !!

PS.... No Flame Mail ... All goes in the Big Byte Bucket...

73 Phillip ZL2TZE @ ZL2TZE
ZL White Page Database Co-Ordinator
zl2tze@mlb.planet.gen.nz
[Attachment: fwd.inc; text/plain; 448 bytes]

26. WIN95 update?

From: "Charles Brabham" <n5pvl@texoma.com>
Date: Sat, 6 Jan 1996 00:09:00 +0000
To: bbssig@tapr.org
Message-ID: <199601060609.AAA25258@mercury.texoma.com>
Rendered body type: text/plain

It's been a while.. What's the drill for running a packet BBS out of WIN95? Did anyone figure out how to get BPQ working with it, ect?

Thanks!

73 DE Charles N5PVL at beautiful Lake Texoma.

Packet : N5PVL @ N5PVL.#NTX.TX.USA.NOAM

E-Mail : n5pvl@texoma.com

HomePage : <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

27. Re: [BBSSIG:2142] WIN95 update?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 6 Jan 1996 00:47:04 -0700
To: bbssig@tapr.org
Message-ID: <199601060747.AAA18769@acca.nmsu.edu>
Rendered body type: text/plain

At 12:12 AM 1/6/96 -0600, you wrote:
>It's been a while.. What's the drill for running a packet BBS out of
>WIN95? Did anyone figure out how to get BPQ working with it, ect?
>
Yes. Load both BPQ and FBB into the same DOS window under win95 and it will work just fine.

>Thanks!
>
>
>73 DE Charles N5PVL at beautiful Lake Texoma.
>
>Packet : N5PVL @ N5PVL.#NTX.TX.USA.NOAM
>
>E-Mail : n5pvl@texoma.com
>
>HomePage : <http://www.texoma.com/personal/n5pvl/n5pvl.htm>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

28. Re: [BBSSIG:2138] Re: BBSSIG digest 335

From: ferracci@imaginet.fr (Laurent Ferracci - F1JKJ)
Date: Sat, 06 Jan 1996 07:59:00 GMT
To: bbssig@tapr.org
Message-ID: <30edab9c.8580603@mail.imagnet.fr>
Rendered body type: text/plain

On Fri, 5 Jan 1996 10:49:15 -0600 (CST), you wrote:

>This decision can't be made at the national level. The education
>problems would be immense. Can you imagine trying to explain to
>someone why the routing is GBR.EU and FRA.EURO?

No need to explain such a thing: GBR, FRA, as 99.9% of european sysops, are all using .EU as THEIR continent designator.

And we're not about to change :-)

```
-- +-----+-----+
-- | From Laurent FERRACCI, F1JKJ | > ferracci@imaginet.fr < |
-- | Montpellier, FRANCE | http://www.imagnet.fr/~ferracci |
-- +-----+-----+
--
-- [ PGP key on public-key servers ]
```

29. Re: NOAM>NA + EU>EURO solution ???

From: "Wade Cotton" <n5ist@ix4.ix.netcom.com>
Date: Sat, 6 Jan 1996 08:55:42 -0600
To: bbssig@tapr.org
Message-ID: <199601061500.HAA04165@ix5.ix.netcom.com>
Rendered body type: text/plain

> Date: Fri, 5 Jan 1996 16:23:43 -0600 (CST)
> Reply-to: bbssig@tapr.org
> From: Phillip Conza <z12tze@mlb.planet.gen.nz>
> To: bbssig@tapr.org
> Subject: [BBSSIG:2141] RE: NOAM>NA + EU>EURO solution ???

Hi Phillip:

I don't think the following four forwarding lines will work properly.
I'm assuming your running FBB, as I am. Here are some comments.

H *.N*

This line could send traffic to places you didn't want it to go.
NZL, NA, NOAM, NAM, NIB, ND,

H *.S*

Same problems as above.

H *.E*

Same problems as above.

H *.MEX

Since most Mexico stations have .NA or .NOAM at the end of thier
address, this line would rarely be of use. Using H *.MEX& would
move traffic whether .MEX was at the end of the address or not
as the & character looks for a period "." or end of line.

73,

Wade N5IST @ N5IST.#AUS.TX.USA.NOAM

30. Re: [BBSSIG:2143] Re: WIN95 update?

From: sm7sjr@gotlandica.se (Bjorn "Bob" Aldorsson)
Date: Sat, 6 Jan 96 15:15:54 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <199601061515.JAA17996@sys1.tapr.org>
Rendered body type: text/plain

>At 12:12 AM 1/6/96 -0600, you wrote:
>>It's been a while.. What's the drill for running a packet BBS out of
>>WIN95? Did anyone figure out how to get BPQ working with it, ect?
>>
> Yes. Load both BPQ and FBB into the same DOS window under win95 and
>it will work just fine.
>

But can you then run other applications to the same BPQ? I'm running FBB515C+
JNOS110L+Terminal prgs to the same BPQ, for the moment under win 3.1/3.11
but I have also been running it under OS/2. Is it possible in WIN95?

>>Thanks!

>>

>>

>>73 DE Charles N5PVL at beautiful Lake Texoma.

>>

>>Packet : N5PVL @ N5PVL.#NTX.TX.USA.NOAM

>>

>>E-Mail : n5pvl@texoma.com

>>

>>HomePage : http://www.texoma.com/personal/n5pvl/n5pvl.htm

>>

>>

>>

>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

>

>
73 de SM7SJR, Bjorn "Bob" Aldorsson. J087EB.

31. Re: [BBSSIG:2144] Re: BBSSIG digest 335

From: garlic@garlic.com
Date: Sat, 06 Jan 1996 11:33:46 -0800
To: bbssig@tapr.org
Message-ID: <30EECE9A.4B01@garlic.com>
Rendered body type: text/plain

Laurent Ferracci - F1JKJ wrote:

>
> On Fri, 5 Jan 1996 10:49:15 -0600 (CST), you wrote:
>
> >This decision can't be made at the national level. The education
> >problems would be immense. Can you imagine trying to explain to
> >someone why the routing is GBR.EU and FRA.EURO?
>
> No need to explain such a thing: GBR, FRA, as 99.9% of european
> sysops, are all using .EU as THEIR continent designator.
>
> And we're not about to change :-)
>
> -- +-----+-----+-----+-----+
> -- | From Laurent FERRACCI, F1JKJ | > ferracci@imaginet.fr < |
> -- | Montpellier, FRANCE | http://www.imagnet.fr/~ferracci |
> -- +-----+-----+-----+-----+
> --
> -- [PGP key on public-key servers]

You missed the point. It had nothing to do with who is going to change
and who isn't.

32. Re: [BBSSIG:2145] Re: NOAM>NA + EU>EURO solution ???

From: Phillip Conza <z12tze@mlb.planet.gen.nz>
Date: Sun, 7 Jan 1996 09:57:13 +1300 (NZDT)
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960107095312.19817A-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi Wade,
As I said in the original message , I forward to the HUB and to
several other BBS,s ..I don't FWD outside NZ unless there is a problem, I
then use either Internet or GB7BBS, when I was Fwding to GB there where
no problems..

Remember that this is only Part of the Forward.Include file....

73 Phillip ZL2TZE

On Sat, 6 Jan 1996, Wade Cotton wrote:

> > Date: Fri, 5 Jan 1996 16:23:43 -0600 (CST)
> > Reply-to: bbssig@tapr.org
> > From: Phillip Conza <z12tze@mlb.planet.gen.nz>
> > To: bbssig@tapr.org
> > Subject: [BBSSIG:2141] RE: NOAM>NA + EU>EURO solution ???
>
> Hi Phillip:
>
> I don't think the following four forwarding lines will work properly.
> I'm assuming your running FBB, as I am. Here are some comments.
>
> H *.N*
> This line could send traffic to places you didn't want it to go.
> NZL, NA, NOAM, NAM, NIB, ND,
>
> H *.S*
> Same problems as above.
>
> H *.E*
> Same problems as above.
>
> H *.MEX
> Since most Mexico stations have .NA or .NOAM at the end of thier

```
> address, this line would rarely be of use. Using H *.MEX& would
> move traffic whether .MEX was at the end of the address or not
> as the & character looks for a period "." or end of line.
>
> 73,
> Wade N5IST @ N5IST.#AUS.TX.USA.NOAM
>
```

33. Nonsense

```
From: "Michael C. McHugh (TA2ZG/W2AV)" <michaelm@doruk.com.tr>
Date: Mon, 8 Jan 96 15:51:39
To: bbssig@tapr.org
Message-ID: <9601081552.aa11505@bbs.doruk.com.tr>
Rendered body type: text/plain
```

Here's a snip out of a SYSOP@WW message from the packet network:

```
>From      : N0JN [ N0JN @ N0JN.EVIS.PHL.OC ]
>Originated : 05-Jan 03:15
>BID (MID)  : 2652_N0JN5
>Title     : 4-characters or 2 ?
>... stuff deleted
>- Both TA=Turkey and and the Soviet Union have part of their coun-
> ties in Europe and part in Asia. 8Q6=Maldives is listed as both
> Africa and Asia. Several other countries are also "split".
>
> Are you going to have sleepless nights if Turkey-AS is using EU?
> Leave the choice to the OM there. He got brains too.
>... stuff deleted          ^^^^^^^^^^^^^^^^^^^
```

Thanks! We needed that...

If you think having a country split into two continents is tough, try this: Istanbul is a *city* half in Europe and half in Asia ;-). I'm thinking we need a new continent designator for it, maybe EUR-AS in honor of all the bandwidth being wasted on this 'issue'. Let's take a vote...

73 all, happy 1996 -

```
de Mike (TA2ZG/W2AV)      Remote Sysop TA2EM BBS - first PRBBS in Turkiye
Amateur Packet Radio:    TA2ZG@TA2EM.#IST.TUR.EU
Internet (email only):   Michael C. McHugh <MichaelM@doruk.com.tr>
```

34. Re: [BBSSIG:2149] Nonsense

```
From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 8 Jan 1996 17:51:57 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601082351.RAA11693@zeus.ia.net>
Rendered body type: text/plain
```

Michael C. McHugh wrote:

```
>
> Here's a snip out of a SYSOP@WW message from the packet network:
>
> >From      : N0JN [ N0JN @ N0JN.EVIS.PHL.OC ]
> >Originated : 05-Jan 03:15
> >BID (MID)  : 2652_N0JN5
> >Title     : 4-characters or 2 ?
> >... stuff deleted
> >- Both TA=Turkey and and the Soviet Union have part of their coun-
> > ties in Europe and part in Asia. 8Q6=Maldives is listed as both
> > Africa and Asia. Several other countries are also "split".
> >
```

This is a fine example of why we need a worldwide agreement on how to deal with the continent designators and other issues. There is nothing wrong with the people in Turkey deciding how they would like to be characterized, however:

- a) it would nice for the rest of the world to know and,
- b) a common format would be a big help.

Barry

35. HF digital nets

```
From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 8 Jan 1996 17:56:30 -0600 (CST)
To: bbssig@tapr.org
```

Message-ID: <199601082356.RAA11747@zeus.ia.net>
Rendered body type: text/plain

It seems I've been down this road before, but I can't remember the answer.

Is there someone keeping a sacred list of HF digital nets?

If not, can we collect some data and start a repository of the data?

Thanks,
Barry

36. HF nets - a map?

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 9 Jan 1996 13:54:41 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601091954.NAA25659@zeus.ia.net>
Rendered body type: text/plain

Hello all,

What is the level of interest in providing good visibility of hf nets?

One possibility is to generate a few pages of maps depicting the nets and distribute them at major events like Dayton?

We could also post .PS or HPGL files on the www site.

Barry

37. Re: [BBSSIG:2150] Re: Nonsense

From: Paul Kearney <ei7gm@iol.ie>
Date: Wed, 10 Jan 1996 00:18:09 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960110000023.4915A-100000@joyce.iol.ie>
Rendered body type: text/plain

On Mon, 8 Jan 1996, Barry Buelow WA0RJT wrote:

```
> Michael C. McHugh wrote:
> >
> > Here's a snip out of a SYSOP@WW message from the packet network:
> >
> > >From      : N0JN [ N0JN @ N0JN.EVIS.PHL.OC ]
> > >Originated : 05-Jan 03:15
> > >BID (MID)  : 2652_N0JN5
> > >Title     : 4-characters or 2 ?
> > >... stuff deleted
> > >- Both TA=Turkey and the Soviet Union have part of their coun-
> > > ties in Europe and part in Asia. 8Q6=Maldives is listed as both
> > > Africa and Asia. Several other countries are also "split".
> > >
> > >
> > This is a fine example of why we need a worldwide agreement on how to
> > deal with the continent designators and other issues.
> > There is nothing wrong with the people in Turkey deciding how they
> > would like to be characterized, however:
> > a) it would nice for the rest of the world to know and,
> > b) a common format would be a big help.
> >
> Barry
>
>
```

It has been said before and I'll say it again....

If "you" are not near enough to be able to differentiate between countries then stop worrying.
Send the message in the right direction to the next nearest bbs in the chain and let the next sysop do the same.
Sysops near Turkey or anywhere else with a "split" location will know what to do about the correct route.
By the way Turkey is near Italy and Italy is just above AFRICA :-)

Common format: Not required. European sysops accept the use of both .NA and .NOAM for North America and havent shouted over it because most European sysops know what they would be told if they forced

a 'one or the other but not both vote'.
Just watch your screens: Europe = .EU and .EURO
N.America = .NA and .NOAM

Watch the headers for the other parts of the world
to see what these sysops WANT their address to be.
Once you find them - LIVE WITH IT .

If Namibia is getting a load of USA mail then edit your
forward file instead of trying to edit the rest of the
world !

73
Paul ei7gm @ ei7gm
Ireland.
(thats the small blip just beside England in the Atlantic)

38. RE: [BBSSIG:2152] HF nets - a map?

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Wed, 10 Jan 1996 00:40:31 -0000
To: "'bbssig@tapr.org'" <bbssig@tapr.org>
Message-ID: <01BADEF4.7423CE00@jbrooks1.ix.netcom.com>
Rendered body type: text/plain

>
>
>
> -----
> From: Barry Buelow WA0RJT[SMTP:barry@ia.net]
> Sent: Tuesday, January 09, 1996 3:05 PM
> To: bbssig@tapr.org
> Subject: [BBSSIG:2152] HF nets - a map?
>
> Hello all,
>
> What is the level of interest in providing good visibility of hf nets?
>
> One possibility is to generate a few pages of maps depicting the nets
> and distribute them at major events like Dayton?
>
> We could also post .PS or HPGL files on the www site.
>
> Barry
>
>
>

I like the idea. Aside from the one I'm part of (when I can be heard) I have no idea what else is there.

Jim

39. Re: [BBSSIG:2153] Re: Nonsense

From: "Brian A. Lantz" <brian@lantz.com>
Date: Wed, 10 Jan 1996 18:23:00 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960110181113.4638D-100000@lantz.com>
Rendered body type: text/plain

On Tue, 9 Jan 1996, Paul Kearney wrote:

> It has been said before and I'll say it again....
>
> If "you" are not near enough to be able to differentiate between
> countries then stop worrying.
> Send the message in the right direction to the next nearest bbs
> in the chain and let the next sysop do the same.
> Sysops near Turkey or anywhere else with a "split" location
> will know what to do about the correct route.
> By the way Turkey is near Italy and Italy is just above AFRICA :-)
>
> Common format: Not required. European sysops accept the use of both
> .NA and .NOAM for North America and havent
> shouted over it ...because most European sysops
> know what they would be told if they forced
> a 'one or the other but not both vote'.
> Just watch your screens: Europe = .EU and .EURO
> N.America = .NA and .NOAM
>
> Watch the headers for the other parts of the world

```

> to see what these sysops WANT their address to be.
> Once you find them - LIVE WITH IT .
>
> If Namibia is getting a load of USA mail then edit your
> forward file instead of trying to edit the rest of the
> world !

```

So let me see if I understand. It's none of my business how anyone is addressed. I do NOT need to have an understanding of this, I just send my mail to someone else, and dump the problem on them.

Anyone can decide that they want to make their packet 'address' anything they want, and it is OUR problem figuring out how to get it there. But it's none of our business or concern what that address is.....

Doesn't sound as reasonable as coming to an agreement to addressing standards, and letting everyone know what those are.

As for 'forced' addressing, *WHO* is forcing ANYONE to ANY address? The only thing CLOSE to this has been the fact that some insist on mangling the R: lines. This is (in my opinion) wrong, but it doesn't *FORCE* anyone else to do ANYTHING.....

The issue is ***NOT*** Namibia! Repeat, it is NOT Namibia. The issue is co-operation, standardization, and moving the 'art' forward. None of these seem to be a concern, I guess. We'd rather talk about Namibia....

This 'issue' has been around since about 1987, about 5 or more years before traffic COULD pass from the PBBS network *TO* Namibia. The issue preceeds Internet<->PBBS interactions.....

As for 'LIVING WITH IT', it was the European SYSOPS that started this thread on the PBBS network, with messages stating that THEY (the European Sysops) were dropping messages destined for EURO. I don't remember ANY U.S. Sysop stating that they were deleting messages due to addressing issues. We seem to be 'LIVING WITH IT'.....

But rather than 'LIVING WITH IT', it would be FAR better to deal with the issues in a civil, open, responsive manner, and then come to conclusions that are in everyone's best interests. Taking these kinds of steps can lead to future growth in packet radio, and growing interest in the art. Simply saying, "LIVE WITH IT" gets nothing accomplished.

 Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```

REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }

```

40. Re: [BBSSIG:2155] Re: Nonsense

From: Paul Kearney <ei7gm@iol.ie>
 Date: Fri, 12 Jan 1996 01:35:53 +0000 (GMT)
 To: bbssig@tapr.org
 Message-ID: <Pine.sol.3.90.960112004722.29382C-100000@joyce.iol.ie>
 Rendered body type: text/plain

```

>
> So let me see if I understand. It's none of my business how anyone is
> addressed. I do NOT need to have an understanding of this, I just send my
> mail to someone else, and dump the problem on them.

```

It will only be a problem if you insist on sending EASTBOUND mail WEST or NorthBound Mail South etc etc etc ...and if that starts happening it WILL be your neighbours who will correct the routing problem . Sorting out a forward file is not easy but you dont need a PhD to do it either.

Plenty of examples have already reached BBSSIG and SYSOP@WW where the sysops have covered all possiblites and carry on.

```

>
> Anyone can decide that they want to make their packet 'address' anything
> they want, and it is OUR problem figuring out how to get it there. But
> it's none of our business or concern what that address is.....

```

> Doesn't sound as reasonable as coming to an agreement to addressing
> standards, and letting everyone know what those are.
This is the WORLD.
The only standard that comes to mind that hasn't been broken __YET__ is
 $e = mc^2$

>

> As for 'forced' addressing, *WHO* is forcing ANYONE to ANY address? The
> only thing CLOSE to this has been the fact that some insist on mangling
> the R: lines. This is (in my opinion) wrong, but it doesn't *FORCE*
> anyone else to do ANYTHING.....
It does force . Most BBSs are auto-tracking white-pages AND h_addresses
and if someone mangles them then the whole system will update itself to
the mangled version and lead to forced-changing of white-pages AND h-address.
Mail forward files MUST then contain .EURO or else mail handling suffers.
That then means the sysop (you and me) are forced to edit the fwd file
in order to avoid losing mail.

>

> The issue is ***NOT*** Namibia! Repeat, it is NOT Namibia. The issue is
> co-operation, standardization, and moving the 'art' forward. None of
> these seem to be a concern, I guess. We'd rather talk about Namibia....
I replied to this by "SP" to Brian.

>

> As for 'LIVING WITH IT', it was the European SYSOPS that started this
> thread on the PBBS network, with messages stating that THEY (the European
> Sysops) were dropping messages destined for EURO. I don't remember ANY
> U.S. Sysop stating that they were deleting messages due to addressing
> issues. We seem to be 'LIVING WITH IT'.....
Well, I remember seeing a msg from a US Sysops stating that no more .EU
would be handled by him and if it wasn't .EURO , TUFF !
But of course, the same also appeared from Europe sysops because they
saw their own address being mangled and coming back at them in the EURO
version which would be the same as you seeing your own mail header
being mangled to .USA.NA by some 'foreigner' and "how dare he/she mess
with my address" would , I imagine be your reaction - a reaction which you
would be entitled to express.

As I already said in another message: no European SysOp ever stood up
and announced that 'NA was out and NOAM was in' and any NA message would be
zapped , instead , European sysops lived with the double-standard
in your own country and carried on.

>

> But rather than 'LIVING WITH IT', it would be FAR better to deal with the
> issues in a civil, open, responsive manner, and then come to conclusions
> that are in everyone's best interests. Taking these kinds of steps can
> lead to future growth in packet radio, and growing interest in the art.
> Simply saying, "LIVE WITH IT" gets nothing accomplished.
European sysops have been living with .NA and .NOAM for (as you put it)
about 5 years without reverting to any international meeting or creating
a mail-header-mangling-program to 'correct' anyone who dares deviate
from the international standard which was presented at a meeting
that wasn't known about by a lot of people who also live on this planet.
The same applies to any other Continent that may have double standard.
It is not my place to dictate to you or anyone else reading this
that "Thou shalt use .NOAM" and I also maintain the opinion
that it is not the place for anyone to tell me "Thou shalt use .EURO"

AND TO ALL WHO READ THIS :

Or

Page 24

And one other thing before I go...

REMEMBER ! Packet Radio is NOT worth a Heart Attack.

I shall bid ye all an evening of good cheer and fortune.

paul
ei7gm
dublin
ireland

"Wrong-Way-Corrigan's first stop after leaving N.Y bound for California"
(I wonder what his version of a forward-file would be like !!)

41. Please post on packet

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 12 Jan 1996 09:02:59 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601121503.JAA28743@zeus.ia.net>
Rendered body type: text/plain

SP SYSOP @ WW <WA0RJT \$TAPR_2_AFR
Attention Sysops in AFRICA

A major discussion is taking place on the continental designators used for packet forwarding. Rather than have all of Africa under a single designator "AF", the following recommendation has been made for Africa.

NAFR Northern Africa
CAFR Central Africa
SAFR Southern Africa

The idea of these designators is to allow more accurate routing of traffic. This will provide faster delivery of mail, reduce congestion caused by misrouted traffic and reduce the need for operator intervention.

After a long discussion of this issue, Tucson Amateur Packet Radio (TAPR) recommended that a 4 character format be used for the continent designator and 3 letter country code.

If you feel this recommendation will improve traffic flow into and out of Africa, please do the following:

1. Change your hierarchical address for your BBS.
2. Change your forward files to support both the new and old designators.
3. Tell your neighboring BBS of the changes.
4. Please post a message to Sysop @ WW indicating that you have changed.
5. If you have access to Internet, send a message to "BBSSIG@TAPR.ORG" indicating you support the recommendation.

In addition, the following designators have been recommended for the other continents.

EURO Europe
MEDR Mediterranean

NOAM North America (Canada, USA, Mexico)
CEAM Central America
CARB Caribbean
SOAM South America

EPAC Eastern Pacific
NPAC Northern Pacific
SPAC Southern Pacific
WPAC Western Pacific

ANTR Antarctica
SEAS South-East Asia
ASIA The Orient
INDI Indian Ocean including the Indian subcontinent
MDLE Middle East

AUNZ Australia/New Zealand

Your support of this recommendation will be a positive step in fostering cooperation among Sysops on an international basis. Thank you for your careful consideration of this issue.

73 Barry Buelow WA0RJT
Chairman TAPR BBS Special Interest Group (BBSSIG)
Packet wa0rjt@wa0rjt.ia.usa.noam
Internet wa0rjt@tapr.org

/EX
SP SYSOP @ WW < WA0RJT \$TAPR_2_ASIA
Attention Sysops in ASIA

A major discussion is taking place on the continental designators used for packet forwarding. Rather than have all of Asia under a single designator "AS", the following recommendation has been made for Asia.

SEAS South-East Asia
ASIA The Orient
INDI Indian Ocean including the Indian subcontinent
MDLE Middle East
AUNZ Australia/New Zealand

The idea of these designators is to allow more accurate routing of traffic. This will provide faster delivery of mail, reduce congestion caused by misrouted traffic and reduce the need for operator intervention.

After a long discussion of this issue, Tucson Amateur Packet Radio (TAPR) recommended that a 4 character format be used for the continent designator and 3 letter country code.

If you feel this recommendation will improve traffic flow into and out of Asia, please do the following:

1. Change your hierarchical address for your BBS.
2. Change your forward files to support both the new and old designators.
3. Tell your neighboring BBS of the changes.
4. Please post a message to Sysop @ WW indicating that you have changed.
5. If you have access to Internet, send a message to "BBSSIG@TAPR.ORG" indicating you support the recommendation.

In addition, the following designators have been recommended for the other continents.

EURO Europe
MEDR Mediterranean

NOAM North America (Canada, USA, Mexico)
CEAM Central America
CARB Caribbean
SOAM South America

EPAC Eastern Pacific
NPAC Northern Pacific
SPAC Southern Pacific
WPAC Western Pacific

NAFR Northern Africa
CAFR Central Africa
SAFR Southern Africa
ANTR Antarctica

Your support of this recommendation will be a positive step in fostering cooperation among Sysops on an international basis. Thank you for your careful consideration of this issue.

73 Barry Buelow WA0RJT
Chairman TAPR BBS Special Interest Group (BBSSIG)
Packet wa0rjt@wa0rjt.ia.usa.noam
Internet wa0rjt@tapr.org

/EX

42. Packet orgs in EUROpe ?

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 12 Jan 1996 18:22:00 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601130022.SAA05302@zeus.ia.net>
Rendered body type: text/plain

Several commentors have made references to national packet or digital organizations in EUROpe. These may be formal or informal.

Can anyone comment with real, first hand information on active organizations. Please include a contact person.

Thanks,
Barry

43. ax.25 via internet?

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)
Date: Sat, 13 Jan 1996 01:38:13 +0100
To: bbssig@tapr.org
Message-ID: <v01540a02ad1cac4f32b8@[141.20.199.52]>
Rendered body type: text/plain

Hi,

just a short request:

did someone define a protocol describing the exchange of true ax.25 data connections using ip sockets?

We don't want to reinvent the wheel, the question came up while thinking about not only to open our bbs software for telnet logins but full transparent ax.25 store and forward and user logins with special binary protocols using the internet (as it is done by ax.25 and usual radio connects).

Yes, we know that there are other methods aside of true ax.25 connects, but anyway... do you route ax.25 packets in ip frames? How?

73s from Berlin, Germany,

Joachim, DL8HBS

--
Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

44. Re: [BBSSIG:2159] ax.25 via internet?

From: mwestfal@csci.csusb.edu (Michael Westfall)
Date: Fri, 12 Jan 1996 16:19:13 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <199601130019.AAA04747@csci.csusb.edu>
Rendered body type: text/plain

In a former treatise, Joachim Schurig spake thusly:

-> did someone define a protocol describing the exchange of true ax.25 data
-> connections using ip sockets?

Yes.

Check out RFC1226, "Internet Protocol Encapsulation of AX.25 Frames".

73 de Mike, ax.25net: N6KUY@W6JBT.#SOCA.CA.USA.NOAM
 amprnet: n6kuy@n6kuy.ampr.org [44.18.0.49]
 internet: mwestfal@csci.csusb.edu
 web: http://orion.csci.csusb.edu:8080
Linux: the Gates of Hell shall not prevail.
GCS/M { -d+ p+ c++ l u++ e+(*) m++(-) s/+ !n-(---) h-- !f g+ w+ t++ r-(-) y+ }

45. Continent Designators.

From: rsbaker@dove.mtx.net.au (Rodney S Baker)
Date: Sat, 13 Jan 96 23:39:28 EST
To: wa0tjt@tapr.org
Cc: BBSSIG@tapr.org
Message-ID: <199601132349.KAA28735@dove.mtx.net.au>
Rendered body type: text/plain

Hi Barry. I have a few comments to make about the continent designators debate...

You wrote:

>Original from WA0RJT to SYSOP@WW
>Path: !VK5ATB!VK2BXQ!WA0RJT!
>
>A major discussion is taking place on the continental
>designators used for packet forwarding. Rather than have
>all of Asia under a single designator "AS", the following
>recommendation has been made for Asia.

The reason so much discussion has taken place of late is because many of the sysops world-wide have only heard about this within the last 12 months (myself included). TAPR has handled this whole thing badly. Unfortunately the rest of the world does not take kindly to being dictated to by TAPR. Yes, this is the way many people see it. I know that is not the intention and never was but many just don't see it that way. The attitude of most sysops is "If it ain't broke, don't fix it".

Let's face it - the whole debate was started because people were trying to forward mail with AX.25-style addresses via the Internet which was causing *.NA mail to be forwarded to Namibia. This problem *only* occurred in the USA and only occurred because a) internet gateways weren't configured to trap such errors and b) the operators sending the mail didn't know any different because they hadn't been taught how to address mail correctly.

Since this was a domestic problem in the US, it should have been fixed there, not by trying to change the way the rest of the packet world routes their mail but by fixing it at its source.

OK., enough of that. Let's look at the designators. Bear in mind that the existing continent/region designators reflect the *forwarding paths* taken by the mail to reach its destination. Russia, for example, is actually on the Asian continent but uses .EU rather than .AS because its packet mail is routed via Europe, not via Asia. The Philipines are really a part of Asia but they use .OC because most of their traffic comes via Oceania (Australia, New Zealand, New Caledonia etc).

Israel is properly a part of the Middle East but uses .EU because that's where their mail comes from. Get the picture?

Now let's look at your (ie TAPR's) suggestions...

> SEAS South-East Asia

What countries are in SEAS? Where does their existing mail feed come from?

> ASIA The Orient

This should include India. Indian packet traffic is routed via .AS.

> INDI Indian Ocean including the Indian subcontinent

Absolutely unnecessary. Why introduce another designator to complicate things? Just think about it for a second - the Indian Ocean is a *very* big ocean. Are you proposing that the West Coast of Australia be included in .INDI? What about Madagascar? That is also in the Indian Ocean. I'll bet packet mail isn't routed via India though...try .AF! The most ludicrous thing about this suggestion though is that India's shores are washed by the Arabian Sea and the Bay of Bengal. Did anyone actually consult an _atlas_ when conjuring up these designators?

Based on the TAPR designators, we would have some mail for .INDI being routed via Africa, some via Asia and some via other routes! And this

is supposed to make routing more accurate? More like potentially
total chaos and much more mis-routed mail!

> MDLE Middle East

Again, Israel is in the Middle East but mail goes via Europe so you're
going to route .ISR.MDLE mail accross the same paths as *.EURO and
other *.MDLE mail via somewhere else?

> AUNZ Australia/New Zealand

Not!! .OC is fine thanks. Use .OCEA if you must but not .AUNZ. Where
do you put New Caledonia, Indonesia, The Solomon Is etc? Is Indonesia
really going to use AUNZ? Or do they suddenly become a part of .INDI?
Their mail feed doesn't come via .IND.AS, it comes via .OC!

>The idea of these designators is to allow more accurate
>routing of traffic. This will provide faster delivery of
>mail, reduce congestion caused by misrouted traffic and
>reduce the need for operator intervention.

Yeah, right! All I can see is major confusion and chaos, more
misrouted traffic, more congestion and more need for operator
intervention.

>After a long discussion of this issue, Tucson Amateur Packet
>Radio (TAPR) recommended that a 4 character format be used
>for the continent designator and 3 letter country code.

Discussion with whom? If you really must do away with the existing
2-letter continent/region designators then route by country alone.
This will be more accurate than the mess TAPR proposed. It will also
mean *much* larger and more complicated routing tables/forwarding
files for every bbs world-wide. No. Stick to what works currently.
TAPR needs to reconsider this. The whole idea was ill-conceived and
from what I can see the designators were proposed with little or no
knowledge of or regard for how mail is actually routed in the real
world. It would be nice if radio waves sruck to man's nice little
geographic boundaries but unfortunately they don't.

Remember - most of the worlds packet traffic (especially bulletins)
still goes via HF radio links. Some personal mail goes via the
satellite gateways (where available) and a small percentage goes via
the internet (but we are talking about amateur *radio* here -
otherwise we might as well all become internet nodes and forget radio
all-together). Any changes to the existing system must reflect
existing mail routes (which are based on years of experience of what
works). Changing to such a system then simply involves supporting
both sets of designators for an interim period. This is easy. All
our Adelaide BBS's have supported both .NA and .NOAM, .SA and .SOAM
and .AS and .ASIA for years...

>If you feel this recommendation will improve traffic flow
>into and out of Asia, please do the following:

I think I've made what I think fairly clear.
>[...snip...]

I'm not going to bother with the other designators but needless to say
there are many examples of each where they're inappropriate as are the
above. But this one?

> ANTR Antarctica

How many packet stations do you know of in Antarctica??

>Your support of this recommendation will be a positive step
>in fostering cooperation among Sysops on an international
>basis. Thank you for your careful consideration of this
>issue.

Actually the sysops world-wide are cooperating in rejecting TAPR's
suggestions. TAPR's reconsideration of the issue and working with
sysops in the USA to fix the source of the problem (if it still
exists) will be a positive step towards fostering cooperation among
sysops on an international basis.

>73 Barry Buelow WA0RJT
>Chairman TAPR BBS Special Interest Group (BBSSIG)
>Packet wa0rjt@wa0rjt.ia.usa.noam
>Internet wa0rjt@tapr.org

Cheers,
Rod.

PS. Can you tell me how to subscribe to BBSSIG please? What is the name of the list-server at tapr.org?

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | My other .sig file is boring too!
Email     : rsbaker@dove.mtx.net.au         |
=====
```

46. Re: [BBSSIG:2161] Continent Designators.

From: garlic@garlic.com
Date: Sat, 13 Jan 1996 19:31:11 -0800
To: bbssig@tapr.org
Message-ID: <30F878FF.52BF@garlic.com>
Rendered body type: text/plain

Rodney S Baker wrote:

>
>
>
> Let's face it - the whole debate was started because people were
> trying to forward mail with AX.25-style addresses via the Internet
> which was causing *.NA mail to be forwarded to Namibia. This problem
> *only* occurred in the USA and only occurred because a) internet
> gateways weren't configured to trap such errors and b) the operators
> sending the mail didn't know any different because they hadn't been
> taught how to address mail correctly.
>

As I said before. Go read the paper done by Tom, W3IWI or, better yet,
write the routing tables for a satellite gateway.

Roy, AA4RE

47. Re: [BBSSIG:2161] Continent Designators.

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 13 Jan 1996 21:58:03 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601140358.VAA26691@zeus.ia.net>
Rendered body type: text/plain

Rodney S Baker wrote:

>
>
> The reason so much discussion has taken place of late is because many
> of the sysops world-wide have only heard about this within the last 12
> months (myself included). TAPR has handled this whole thing badly.
> Unfortunately the rest of the world does not take kindly to being
> dictated to by TAPR. Yes, this is the way many people see it. I know
> that is not the intention and never was but many just don't see it
> that way. The attitude of most sysops is "If it ain't broke, don't fix
> it".
>

Rodney,

A lot of time has gone past since this debate started a few years ago.
If you look at the participants in the current debate and find out
where these people were a few years ago, you would discover that this
discussion was not even possible 3 year ago. There are new Sysops,
new Internet and telephone forwarding, improved hf links and many
other changes that have taken place.

The issue is NOT driven by Namibia. This is one of a dozen issues that
contribute to the problem of no international organization of Sysops.

I'm not trying to be a jerk about this, but I could take the position
of "who are you to tell Asia and Africa how to route their mail?"

My position is to spread the word of 4 letter designators. Lets hear

from all points of the globe. In particular, its important to hear from those stations that really do the forwarding. I understand it is potentially a change for all BBS, but having a 1000 BBS change a few letters should not cause this much debate. The 100 or BBS who handle international forwarding are the ones who should have a bigger vote.

73 Barry

48. Re: [BBSSIG:2159] ax.25 via internet?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 14 Jan 1996 00:07:35 -0700
To: bbssig@tapr.org
Message-ID: <199601140707.AAA10011@acca.nmsu.edu>
Rendered body type: text/plain

At 06:44 PM 1/12/96 -0600, you wrote:
>Hi,
>
>just a short request:
>
>did someone define a protocol describing the exchange of true ax.25 data
>connections using ip sockets?
>

Yes in the Net, now called Nos and JNOS and TNOS, there is a method to digipeat between internet sites using AX.25 that is contained within a tcp packet. I have seen the code and I use it daily to forward using FBB 1200 miles across the USA.

>We don=B4t want to reinvent the wheel, the question came up while thinking
>about not only to open our bbs software for telnet logins but full
>transparent ax.25 store and forward and user logins with special binary
>protocols using the internet (as it is done by ax.25 and usual radio
>connects).
>

Problem with Telnet. You have an escape sequence that allows you to end a telnet that goes wrong. That sequence will appear in a FBB forward and cause problems.

>Yes, we know that there are other methods aside of true ax.25 connects, but
>anyway... do you route ax.25 packets in ip frames? How?
>
>73s from Berlin, Germany,
>
>Joachim, DL8HBS
>
>--
>Joachim Schurig
>h0187akk@rz.hu-berlin.de (email)
>DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

Joachim, I suggest you get a copy of Nos and read the documentation. If you read "C" the source code is available as well. This will get you started in the right direction.

>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

49. Re: [BBSSIG:2162] Re: Continent Designators.

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 14 Jan 1996 00:21:41 -0700
To: bbssig@tapr.org
Message-ID: <199601140721.AAA10201@acca.nmsu.edu>
Rendered body type: text/plain

At 09:32 PM 1/13/96 -0600, you wrote:
>Rodney S Baker wrote:
>>
>

>As I said before. Go read the paper done by Tom, W3IWI or, better yet,
 >write the routing tables for a satellite gateway.
 >
 >Roy, AA4RE
 >
 >
 > Roy, how does using EURO help the satellite gateway? What does it do
 >better than EU? I think the gateway problem is one of consise routing
 >concerens between 20-50 bbs stations. Each SysOp has experiance with what
 >works. And EU or EURO has not a thing to do with the problem.

My routing tables are long just for mail and NTS stuff within the
 USA. I can imagine it takes months to learn what to do on a gateway. And now
 you must use some method to route EURO and EU and NA and NOAM to the right
 places. I guess that is what we call progress?

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

50. Re: [BBSSIG:2165] Re: Continent Designators.

From: garlic@garlic.com
 Date: Sun, 14 Jan 1996 00:09:06 -0800
 To: bbssig@tapr.org
 Message-ID: <30F8BA22.63DE@garlic.com>
 Rendered body type: text/plain

Karl F. Larsen wrote:
 >
 > At 09:32 PM 1/13/96 -0600, you wrote:
 > >Rodney S Baker wrote:
 > >>
 > >
 > >As I said before. Go read the paper done by Tom, W3IWI or, better yet,
 > >write the routing tables for a satellite gateway.
 > >
 > >Roy, AA4RE
 > >
 > >
 > Roy, how does using EURO help the satellite gateway? What does it do
 > better than EU? I think the gateway problem is one of consise routing
 > concerens between 20-50 bbs stations. Each SysOp has experiance with what
 > works. And EU or EURO has not a thing to do with the problem.
 >

Europe didn't seem to be a problem when I did the tables here. Asia
 was a big problem since the Middle East stuff had to go one route and
 the Far East another. Africa was another big problem.

> ...

Remember my earlier post. Except for a few cases, the two letter
 continent codes were pretty useless. I didn't appreciate how bad
 things were until I worked on the local satgate here.

Roy

51. Re: [BBSSIG:2158] Packet orgs in EUROpe ?

From: Paul Kearney <ei7gm@iol.ie>
 Date: Sun, 14 Jan 1996 14:32:03 +0000 (GMT)
 To: bbssig@tapr.org
 Message-ID: <Pine.sol.3.90.960114142829.16431C-100000@joyce.iol.ie>
 Rendered body type: text/plain

>
 > Several commentors have made references to national packet or
 > digital organizations in EUROpe. These may be formal or informal.
 >
 > Can anyone comment with real, first hand information on active
 > organizations. Please include a contact person.
 >

These organisations should have been contacted years ago !

__BEFORE__ any of this nonsense started !

__BY__ Anyone thinking of going into print about any 'standard'

which would have to be used by all of us (us not U.S)

52. Re: [BBSSIG:2166] Re: Continent Designators.

From: "Brian A. Lantz" <brian@lantz.com>
Date: Sun, 14 Jan 1996 09:42:14 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960114093657.19317C-100000@lantz.com>
Rendered body type: text/plain

On Sun, 14 Jan 1996 garlic@garlic.com wrote:

> Europe didn't seem to be a problem when I did the tables here. Asia
> was a big problem since the Middle East stuff had to go one route and
> the Far East another. Africa was another big problem.
>
>
> > ...
>
> Remember my earlier post. Except for a few cases, the two letter
> continent codes were pretty useless. I didn't appreciate how bad
> things were until I worked on the local satgate here.

Right.....

The Namabia issue is only a SMALL piece of the puzzle, though it is the only thing people are hearing.

The problem is that we need more distinctly defined areas than simply "somewhere in Asia" or "somewhere in Africa". International routing needs more details than these two character designators provide, in order to be useful.

So, if we need something more detailed than the 2 character designators, let's standardize on 4 character ones, that more FULLY define a PORTION of a continent more usefully.

It has the ADDED benefit of standardizing on a x.3.4 format, and as a by-product makes the Namabia difficulty a non-issue.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

53. Re: Continent Designators.

From: "Charles Brabham" <n5pvl@texoma.com>
Date: Sun, 14 Jan 1996 11:46:43 +0000
To: bbssig@tapr.org
Message-ID: <199601141746.LAA24577@mercury.texoma.com>
Rendered body type: text/plain

I hesitate to call this 2 vs 4 letter deal a debate.. Too many opinions and not enough facts.

For example: It isn't entirely clear to me what the hub-bub is about in the first place. WHY was the 4-letter stuff recommended? Don't tell me " It'll make things work better", or " It will help foster the organization and standardization of forwarding practices", and then leave it at that. That's not satisfactory.

If it will make things work better, I want to know WHO things will work better for, and HOW 4-letter codes will work to accomplish this. What is it that can only be accomplished by use of 4-letter codes that we have been missing out on? I'll accept that Namibia has no relation to the issue... OK.... WHAT DOES?

" Any scientist who can't explain what he's doing to an eight-year old boy is a charlatan"..

If there IS a good reason to put forward this recommendation, that reasoning should be easy to express.

TAPR: Please do so, and if possible keep it short and sweet enough for packet distribution.

What I see here is TAPR putting out a recommendation. That's all. TAPR doesn't have a gun pointed at my head, or anyone else's. They RECOMMEND the 4-letter codes.

What's the big deal?

Several hams seemed out of sorts over the idea of TAPR attempting to assume some leadership in the global packet radio community. For myself, I don't have any problem with that idea at all. They are in the best position to make it fly, and there are obvious benefits to be had from a bit more organization and structure.

On the other hand, leadership in the global packet community is an awfully big job to try to take on. With global authority comes global responsibility. That means you will need resources on the same scale.

This means that those who are concerned about TAPR "taking over" are being paranoid over nothing. If TAPR "takes over", it will be because a GREAT number of hams approve of their methods and goals, and go on to also lend their support, becoming members and becoming involved in the enormous workload presented by an effort to organize our packet radio network's operation worldwide.

Keep in mind that if TAPR's first steps in this direction seem clumsy or uncertain, it's because these ARE first steps. They are going into uncharted territory here, and of course every now and then they will get lost or trip over something unexpected. So who's perfect?

Personally, I'm all for TAPR's efforts to expand their responsibilities, and admire the gall it took for them to stick their necks out in the hopes of improving the packet net's performance.

MY RECOMMENDATION: Support TAPR's attempt to introduce more structure to the packet radio net. By support, though, I don't mean or imply that you should automatically agree with everything TAPR does or says. To support TAPR in this effort, GET INVOLVED. If you don't think TAPR is handling things right, why just get in there and give them a hand! That's what I do! ;-)
If you want to keep tabs on TAPR's activities and plans, I suggest you join TAPR so you'll get the newsletter.

MY RECOMMENDATION TO TAPR: As I suggested earlier, what's missing is a clear, concise statement of purpose, addressed to the packet BBS SYSOP community this recommendation is primarily intended for.

It should be released on an ongoing, occasional basis @WW until the net has been properly saturated, and all SYSOPs have had a chance to understand TAPR's goals and purpose in distributing their recommendation, making it possible to more properly judge it's worth.

Releasing the recommendation without a rational, clear statement of purpose is worse than useless as it creates more confusion and controversy than it avoids. That statement of purpose shouldn't just be "available".. It should "stick out", and be hard to avoid knowing about!

73 DE Charles N5PVL at beautiful Lake Texoma.

Packet : N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail : n5pvl@texoma.com
HomePage : <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

54. Re: [BBSSIG:2161] Continent Designators.

From: bewhite@ibm.net
Date: Sun, 14 Jan 96 14:02:26 +1200
To: bbssig@tapr.org
Message-ID: <9601142216.AA0020@localhost>
Rendered body type: text/plain

The reply by Rod VK5ZTV made a lot of sense to me after I realised he wasn't replying to my contribution to this discussion. (Too many Barrys).

The problem as I see it is that it depends on distance from the target area. >From here other areas can be addressed in lumped form, eg NA.

However someone in say Mexico might want a more accurate target at which to aim, so he can include in his routing USA.NA or even TX.USA.NA and I can't see for the life of me what is wrong with that !

You get the best of both worlds, you can just route to a whole continent or to just the part in which you are interested. If the above is done we can then do away with this #SA nonsense for South Australia. Also that .WA.AUS.OC is not a state in the US called Washington !

Surely any reasonably intelligent software should know that .SA.AUS.OC is not South America !!!

Is this so simple that it has bamboozled the experts or am I bamboozled by it all ?

73
Barry White
bewwhite@ibm.net
VK2AAB @ VK2WI.NSW.AUS.OC

55. Re: [BBSSIG:2170] Re: Continent Designators.

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 16 Jan 1996 07:20:59 -0700
To: bbssig@tapr.org
Message-ID: <199601161420.HAA19916@acca.nmsu.edu>
Rendered body type: text/plain

At 11:51 PM 1/15/96 -0600, you wrote:
>The reply by Rod VK5ZTV made a lot of sense to me after I realised he wasn't
>replying to my contribution to this discussion. (Too many Barrys).
>
>The problem as I see it is that it depends on distance from the target area.
>>From here other areas can be addressed in lumped form, eg NA.
>

The problem is that we are not talking about the ENTIRE PACKET ADDRESS! If I got a message addressed to xelabc.na it would be hard to automatically route it to Mexico. But if I use a proper address which is at least of the form xelabc.#df.mex.na I know automatically that xelabc is in North America, the political part called Mexico, and is in Districta Federally which is the Real name for Mexico City.

Now as Barry says, if your in China then your bbs will be set to forward ALL .na to a particular bbs. Just as I do in the USA. When a message is addressed ??@???.???.???.eu, where ?? means anything and .eu is read by my bbs and that message is forwarded to f6cnb in Houston, TX. No problem to me at all. easy to do and it works.

Here is how it is. I live 50 miles North of Mexico. There is a node in Mexico that connects to mine. I get mail for Mexico City FROM Mexican BBS in Northern Mexico. I forward it to Houston and it gets to Mexico City. I call it cooperation.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

56. help

From: ANDREW SELLERS <G8TZJ@lancaster.ac.uk>
Date: Tue, 16 Jan 96 17:58:31 GMT
To: bbssig@tapr.org
Message-ID: <3586.9601161758@cent1.lancs.ac.uk>
Rendered body type: text/plain

Can someone please let me know how to subscribe to this mailing list please ?

Email me at

g8tzj@lancaster.ac.uk

Thanks.

57. RE : Designators how will they effect YOU !

From: Phillip Conza <z12tze@mlb.planet.gen.nz>
Date: Wed, 17 Jan 1996 11:26:20 +1300 (NZDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960117101758.32367A-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi There,

Ladies,Gentleman of the Forwarding Network

I have looked at several dozen messages on Packet and on this SIG over the last few weeks and thought I might pose this to those that do MAJOR

Forwarding..

It don't take a rocket scientist to work out how the forward works so I will touch on the bits that seem to be the worry of many...

Ist up there are 4 types of BBSs, Hubs, Gateways, Secondary and Rouges

1/ Hub is where all mail is distributed from

2/ Gateway = Satagte, HF forwarding , Internet

3/ Secondary = Local area BBS, which is feed from the HUB etc..

4/ Rouges = A BBS that comforms to His /her Rules (not many) :-}

Now most countries have something similar in place..

As we are today All BBS systems know each other.. or should..

What I am saying is we all know who our Forwarding Partners and their way of dealing with mail.. ..

If this is the case then what is the problem with the new designators ??

We are all forwarding mail to these areas now Using the 2 or 4 Letter designator..

There seems to be a problem that if we change to the 4 letter designator that mail will dissapear into a black hole...

Wrong !!!

It shouldn't because we all KNOW our Forwarding Partner .. Correct ??

If you don't know what your Forwarding Partner is up to then your Network is at risk and I would suggest that it is time you found out or moved on..

All I can say is Look at WHAT and WHERE you forward to, write it down on paper showing all Routes with Full H Address..

Now Change the Designator with the TAPR Proposed Designator...

What do you see, Thats right the mail is still going to the same place !

Now if that is the case WHAT is WRONG with the Proposals ??

All we have seen is what I consider an emotional reaction to an Organisation trying to set a Standard for us to use.

And until someone else has the shoulders to bear such a load, lets see what happens here..

Out of 1000s of Sysops World Wide all we have seen is about 25 who have voiced some opinion..

This Organisation TAPR has spent probably many dollars and hundreds of man hours looking into this and the result is their Proposal..

Has anyone got a better one we can all see ???

Many have asked why these Proposals weren't sent to our Amateur Radio Head Quarters in our countries..

I offer you this reasons as a possibility..

TAPR didn't have them

Most BBS's are privately run and funded from the Amateur himself/herself..

Not all Amatuers belong to there Local Amateur Organisation.. etc etc...

Maybe TAPR should have in the early stages, setup a committee to make sure that every Country had a copy of the Proposal before hand.. What a job that would have been..

I believe that TAPR was under the impression that their original Bulletins

way back in the late 80s, early 90s had made it to most SYSOPS throughout the world..

It is up to TAPR to answer the questions that many have raised, but when You put your question to them lay it out as you see it, don't get emotional about it, get your forwarding partners together and put your case..

Well I hope this has given some of the forwarding stations something to work on...

PS..

I am not a member of TAPR so please I am not pushing their wheelbarrow but I feel it is time for rational thinking on this ...

I am a member of NZART the NZ Association of Radio Transmitters, and the views above are all mine ...

73 Phillip ZL2TZE
zl2tze@mlb.planet.gen.nz

58. Re: [BBSSIG:2138] Re: BBSSIG digest 335

From: bewhite@ibm.net
Date: Tue, 09 Jan 96 19:14:15 +1200
To: bbssig@tapr.org
Message-ID: <9601100328.AC0013@localhost>
Rendered body type: text/plain

I really don't understand what the problem is !
The forwarding codes are ISO 3166 using the three letter country code and the two letter continent code.

>
> That was one of the problems but you need to read Tom W3IWI's paper.
> There were much bigger problems. The best one I remember is Asia.
> The route from here in California to Japan is much different than
> the route from here to Israel but both would share the .AS routing
> code. If my memory serves me correctly, at that time traffic from
> Japan to Israel was routed via the US. The two letter continent codes
> are useless in many cases. I found this especially true when I
> started writing routing tables for the local satellite gateway.
>

Surely any intelligent software can tell the difference between

.JPN.AS
&
.ISR.AS

> > So I finish with a plea:-
> >
> > Please, please, will all those BBS who are now rewriting headers PLEASE
> > desist.
> >
> > 73
> >
> > Dirk G1TLH @ GB7TLH.#35.GBR.EU(R0)
> >

A really big problem here in VK is that someone in, I think, Europe converts @EU to @WW ! We get masses of bulletins telling us about some function in Germany or the UK that will be held two weeks ago.

> Some of the best and most experienced people in packet BBS discussed
> the hierarchical designator problem and the TAPR recommendation is
> the outcome. The other solution (which had a number of proponents)
> was to scrap the continent designator all together.
>
> Roy
>

Again, what problem ? Sorry to open old wounds but -----

73
Barry VK2AAB @ VK2WI
bewhite@ibm.net

59. Re: [BBSSIG:2173] RE : Designators how will they effect YOU !

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 17 Jan 1996 05:35:16 -0700
To: bbssig@tapr.org

Message-ID: <199601171235.FAA25133@acca.nmsu.edu>
Rendered body type: text/plain

At 04:30 PM 1/16/96 -0600, you wrote:
>Hi There,
>
> Ladies,Gentleman of the Forwarding Network
>
>I have looked at several dozen messages on Packet and on this SIG over
>the last few weeks and thought I might pose this to those that do MAJOR
>Forwarding..

>Well I hope this has given some of the forwarding stations something to
>work on...
>
>PS..
> I am not a member of TAPR so please I am not pushing their wheelborrow
>but I feel it is time for rational thinking on this ...
>
>I am a member of NZART the NZ Association of Radio Transmitters, and the
>views above are all mine ...
>
>73 Phillip ZL2TZE
>z12tze@mlb.planet.gen.nz
>
Phillip, I am a member of TAPR but do not let that impeded my
thoughts. As this subject has been thrown around it is, to me at least,
clear that we can never get the USA to use only 4 letter continent codes,
and to force it on the world is a bad joke!

So I have an idea. Lets just say there must be a continent
designator in the packet address that can be from 1 to 4 letters. It has
been said that sysops now have problems with the African area. Well it must
be due to political problems so agree on some 4 letter continent codes that
solve the political problem. Just make it work!

This should work and solve the problems we are having.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

60. Re: [BBSSIG:2174] Re: BBSSIG digest 335

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 17 Jan 1996 05:42:15 -0700
To: bbssig@tapr.org
Message-ID: <199601171242.FAA25175@acca.nmsu.edu>
Rendered body type: text/plain

At 09:08 PM 1/16/96 -0600, you wrote:
>I really don't understand what the problem is !
>The forwarding codes are ISO 3166 using the three letter country code and
>the two letter continent code.
>
>>
>> That was one of the problems but you need to read Tom W3IWI's paper.
>> There were much bigger problems. The best one I remember is Asia.
>> The route from here in California to Japan is much different than
>> the route from here to Israel but both would share the .AS routing
>> code. If my memory serves me correctly, at that time traffic from
>> Japan to Israel was routed via the US. The two letter continent codes
>> are useless in many cases. I found this especially true when I
>> started writing routing tables for the local satellite gateway.
>>
> Surely any intelligent software can tell the difference between
>
> .JPN.AS
> &
> .ISR.AS
>

Brovo, Brovo, Brovo, Brovo, Brovo

>> > So I finish with a plea:-
>> >
>> > Please, please, will all those BBS who are now rewriting headers PLEASE
>> > desist.
>> >
>> > 73
>> >

>> > Dirk G1TLH @ GB7TLH.#35.GBR.EU(R0)

Yes, I too wish SysOp's would stop changing BIDS and and other parts of packet messages. Bad as they look...let them FLOW unchanged and unimpeded...when the mail isn't delivered the system will respond and fix the REAL problem.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

61. Re: [BBSSIG:2176] Re: BBSSIG digest 335

From: garlic@garlic.com
Date: Wed, 17 Jan 1996 11:39:33 -0800
To: bbssig@tapr.org
Message-ID: <30FD5075.167E@garlic.com>
Rendered body type: text/plain

Karl F. Larsen wrote:

>
> At 09:08 PM 1/16/96 -0600, you wrote:
> >I really don't understand what the problem is !
> >The forwarding codes are ISO 3166 using the three letter country code and
> >the two letter continent code.
> >
> >>
> >> That was one of the problems but you need to read Tom W3IWI's paper.
> >> There were much bigger problems. The best one I remember is Asia.
> >> The route from here in California to Japan is much different than
> >> the route from here to Israel but both would share the .AS routing
> >> code. If my memory serves me correctly, at that time traffic from
> >> Japan to Israel was routed via the US. The two letter continent codes
> >> are useless in many cases. I found this especially true when I
> >> started writing routing tables for the local satellite gateway.
> >>
> > Surely any intelligent software can tell the difference between
> >
> > .JPN.AS
> > &
> > .ISR.AS
> >
> >
> Brovo, Brovo, Brovo, Brovo, Brovo
>
>

That's exactly the problem. If you have to code JPN.AS and ISR.AS then the ".AS" is USELESS!!!!!! As I have said before, the discussions were just about unanimous that there were two valid options:

Throw away the continent code

Four letter designators

Roy

62. EURO

From: chris le tissier <chrislet@post.guernsey.net>
Date: Wed, 17 Jan 1996 22:15:36 GMT
To: BBSSIG@tapr.org
Cc: wa0rjt@tapr.org
Message-ID: <199601172215.WAA28321@post.guernsey.net>
Rendered body type: text/plain

Re WA0RJT bulletin on Euro

Do what you want in your country, but don't (as USA usually does), try to impose your will on the rest of the world.
Who says the Americans know best ?, usually you are two years too late !
Thank you for respecting other countries views.
Chris Le Tissier
E-mail chrislet@guernsey.net
<http://www.guernsey.net/~chrislet>
AX25 Packet GU4YMV@GB7GUR.#47.GBR.EU

63. Re: [BBSSIG:2178] EURO

From: mark@tetherless.com (Mark Oppenheim)
Date: Wed, 17 Jan 1996 16:41:58 -0800 (PST)

To: bbssig@tapr.org
Message-ID: <199601180041.QAA19262@gorgor.pa.tetherless.com>
Rendered body type: text/plain

At 04:29 PM 1/17/96 -0600, chris le tissier wrote:
>Re WA0RJT bulletin on Euro
>
>Do what you want in your country, but don't (as USA usually does), try to
>impose your will on the rest of the world.
>Who says the Americans know best ?, usually you are two years too late !
>Thank you for respecting other countries views.
>Chris Le Tissier
>E-mail chrislet@guernsey.net
><http://www.guernsey.net/~chrislet>
>AX25 Packet GU4YMV@GB7GUR.#47.GBR.EU

Wow.

Does the old phrase "Whingeing... " seem to apply here?
Where do I find the FTP site that holds the UK developed PBBS apps?

Mark
KD6KQ

64. Once more into the br....

From: Paul Kearney <ei7gm@iol.ie>
Date: Thu, 18 Jan 1996 18:29:52 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960118180422.16627A-100000@joyce.iol.ie>
Rendered body type: text/plain

On Sun, 14 Jan 1996 garlic@garlic.com wrote:

> > >As I said before. Go read the paper done by Tom, W3IWI or, better yet,
> > >write the routing tables for a satellite gateway.
> > >
> > >Roy, AA4RE
> > >
> > >
> > > Roy, how does using EURO help the satellite gateway? What does it do
> > > better than EU? I think the gateway problem is one of concise routing
> > > concerns between 20-50 bbs stations. Each SysOp has experiance with what
> > > works. And EU or EURO has not a thing to do with the problem.
> > >
> > >
> > > Europe didn't seem to be a problem when I did the tables here. Asia
> > > was a big problem since the Middle East stuff had to go one route and
> > > the Far East another. Africa was another big problem.
> > >
> > >
> > > ...
> > >
> > > Remember my earlier post. Except for a few cases, the two letter
> > > continent codes were pretty useless. I didn't appreciate how bad
> > > things were until I worked on the local satgate here.
> > >
> > > Roy
> > >

I would suggest that if someone has the ability to set up a satellite gateway
(or for that matter write a BBS system), that the person operating is well
capable to master a forward file even a satellite one.
If not , how on earth (!!) is/are the mail message(s) getting to their
destinations right now ?

I would further suggest that before anyone from USA starts on
asking/telling anyone else to change to a "standard" that
anyone from USA starts on getting everyone else in the US to
standardise on .NA __OR__ .NOAM __OR__ .ZZZZ before trying to
changing the rest of the world.
European sysops are not pressurising the small number of .EURO
sysops to change to the majority .EU usage.

Standards when formed are normally decided/arrived upon by some
sort of group/committee which is informed by sources of information
where any standards will be applied in the future.

Worldwide packet standards means world-wide consultation.

Many Sysops on this planet never heard of this 'recommendation' until it was proposed and voted(?) on in London Ontario Canada

The major impact in Europe arrived when certain sysops decided to force this recommendation which did not go down too well.

This has now poisoned the recommendation and will probably be resisted because of the way the recommendation was initially arrived at .

This recommendation has backfired BIGTIME.

Perhaps someone should ring 911 (999 in EI and G) for an ambulance for a poorly recommendation which is in danger of collapsing ?

Wheelchair anyone ?

73
paul
ei7gm

Ireland - Small island in the Atlantic off the coast of England which is about 3000-miles East of Newfoundland.

65. Re: [BBSSIG:2177] Re: BBSSIG digest 335

From: Paul Kearney <ei7gm@iol.ie>
Date: Thu, 18 Jan 1996 19:34:27 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960118192512.18715C-100000@joyce.iol.ie>
Rendered body type: text/plain

On Wed, 17 Jan 1996 garlic@garlic.com wrote:

```
> Karl F. Larsen wrote:
> >
> > At 09:08 PM 1/16/96 -0600, you wrote:
> > >I really don't understand what the problem is !
> > >The forwarding codes are ISO 3166 using the three letter country code and
> > >the two letter continent code.
> > >
> > >>
> > >> That was one of the problems but you need to read Tom W3IWI's paper.
> > >> There were much bigger problems. The best one I remember is Asia.
> > >> The route from here in California to Japan is much different than
> > >> the route from here to Israel but both would share the .AS routing
> > >> code. If my memory serves me correctly, at that time traffic from
> > >> Japan to Israel was routed via the US. The two letter continent codes
> > >> are useless in many cases. I found this especially true when I
> > >> started writing routing tables for the local satellite gateway.
> > >>
> > >> Surely any intelligent software can tell the difference between
> > >>
> > >> .JPN.AS
> > >> &
> > >> .ISR.AS
> > >>
> > >> Brovo, Brovo, Brovo, Brovo, Brovo
> > >>
> > >>
> > >>
> > >>
> > >> That's exactly the problem. If you have to code JPN.AS and ISR.AS
> > >> then the ".AS" is USELESS!!!!!! As I have said before, the discussions
> > >> were just about unanimous that there were two valid options:
> > >>
> > >> Throw away the continent code
> > >>
> > >> Four letter designators
> > >>
> > >> Roy
> > >>
```

AH Yes, the old problem... which side of the 'continent' is the real one ?

Well, consider....

If "I" have mail for .NA / .NOAM , Do "I" forward it to a station in Western/Eastern Canada or maybe Texas might be a suitable delivery point for mail for Canada ??

The same applies to Europe . Mail for Slovakia ? Where to ? Deliver to England or Finland or Italy ?
(Slovakia is in Eastern Europe , England is West-ish Europe
Finland is up North , Italy is in the South of Europe)

Europe ?? Oh yes thats the big bit after the Atlantic :-))

Which side.... How do you decide ?

You USE the country code thats how !

.NA .NOAM is useless when deciding whether Canada or USA is the delivery point.

Now , what were you saying about .AS being useless ??

73
Paul
7gm

66. Re: [BBSSIG:2172] help

From: suyadi@server.indo.net.id (H Suyadi Ismail)
Date: Fri, 19 Jan 1996 08:57:40 +0700
To: bbssig@tapr.org
Message-ID: <9601190157.AA41501@server.indo.net.id>
Rendered body type: text/plain

Good morning,

What is there the shareware developer, which to get Paket Radio BBS site?
so I'll down load them from the internet site. Or someone about Amateur Radio.

Sorry, but I am the beginner Amateur Radio in my country, Indonesia.
Do you know Indonesia ?. But a tour of Indonesia, which acquainted as "BALI ISLAND".
Please to visit BALI Island.
Yes, tank you very much.

73
YD3HJI

>Can someone please let me know how to subscribe to this mailing list
>please ?
>
>Email me at
>
>g8tzj@lancaster.ac.uk
>
>Thanks.
>
>
>
>

67. Re: [BBSSIG:2181] Re: BBSSIG digest 335

From: "Brian A. Lantz" <brian@lantz.com>
Date: Fri, 19 Jan 1996 07:48:44 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960119073523.18098G-100000@lantz.com>
Rendered body type: text/plain

On Thu, 18 Jan 1996, Paul Kearney wrote:

> > That's exactly the problem. If you have to code JPN.AS and ISR.AS
> > then the ".AS" is USELESS!!!!!! As I have said before, the discussions
> > were just about unanimous that there were two valid options:
> >
> > Throw away the continent code
> >
> > Four letter designators

```

> >
> > Roy
> >
>
> AH Yes, the old problem... which side of the 'continent' is the real one ?
>
> Well, consider....
>
> If "I" have mail for .NA / .NOAM , Do "I" forward it to a station
> in Western/Eastern Canada or maybe Texas might be a suitable delivery
> point for mail for Canada ??
>
> The same applies to Europe . Mail for Slovakia ? Where to ?
> Deliver to England or Finland or Italy ?
> ( Slovakia is in Eastern Europe , England is West-ish Europe
> Finland is up North , Italy is in the South of Europe )
>
> Europe ?? Oh yes thats the big bit after the Atlantic :-))
>
>
> Which side.... How do you decide ?
>
> You USE the country code thats how !
>
> .NA .NOAM is useless when deciding whether
> Canada or USA is the delivery point.
>
> Now , what were you saying about .AS being useless ?? .....

```

AH Yes, I see *you've* finally figured it out!

The current ENTIRE CONTINENT designators (2 characters long) are insufficient for easily pinpointing a station down to a relatively small geographical area without consulting the country code.

As Roy said (but I don't believe you read):

```

> > As I have said before, the discussions
> > were just about unanimous that there were two valid options:
> >
> > Throw away the continent code
> >
> > Four letter designators

```

The whole point in a nutshell, is that the current ENTIRE CONTINENT designators are insufficient for routing by themselves. They RARELY are of ANY use. So there were two options, listed above.

TAPR made a RECOMMENDATION (please note, TAPR never FORCED anyone to do ANYTHING, though many keep saying they did).....

[note: I am NOT a TAPR member, for the record]

A few INDIVIDUALS who insist on rewriting EVERYONE'S addresses to what they *think* they should be, did this ALSO to Europeans. But you don't see any in the USA causing major grief about it.

My address is K04KS.#TPA.FL.USA.NOAM, and keeps being rewritten to NA by people who know what my address is better than I do. That does not make ME blame TAPR for it, or disregard a carefully thought out RECOMMENDATION from TAPR (by developers of some of the Packet Software in usage).

Are we going to blame TAPR for poverty, wars, illness, and poor weather next?

R: line MANGLING and email READDRESSING are rude at best, and very counter-productive. They cause White Pages servers to continually flip-flop between the REAL address (when it gets through) and the false address.

But this issue has *NOTHING* to do with TAPR, and *NOTHING* to do with the RECOMMENDATION to use 4 character continent designators.

 Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```

REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
    }

```

```
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

68. State DCD for PK-88 ??

From: Mike Fahmie <MPFahmie@lbl.gov>
Date: Fri, 19 Jan 1996 10:51:40 -0800
To: bbssig@tapr.org
Message-ID: <199601191852.KAA10379@mh1.lbl.gov>
Rendered body type: text/plain

I need to add State Generator (open squelch) DCD to an AEA PK-88.
The current PacComm catalog shows a "Universal" model with wire leads.
Is this the proper choice for the '88?

Mike Fahmie - Lawrence Berkeley National Laboratory - Advanced
Light Source
(510) 486-4030 - MPFahmie@lbl.gov -
WA6ZTY @ N6EEG

69. RE: [BBSSIG:2184] State DCD for PK-88 ??

From: mikeberg@willmar.com
Date: Sat, 20 Jan 96 07:58:20 PST
To: bbssig@tapr.org
Message-ID: <Chameleon.960120080054.mikeberg@willmar.com.willmar.com>
Rendered body type: text/plain

I'd recommend the DCD state machine from TAPR. I've built a couple and
added them on to PK-88's and can say they work great. Price is nice and
it's a simple kit (1/2 hr) to build. If I recall, it cost about \$15.

Name: Mike Berg
E-mail: mikeberg@willmar.com (Mike Berg)
Ham Radio: N0QBH@N0QBH.#wcmn.mn.usa.noam
Date: 01/20/96
Time: 07:58:20

This message was sent by Chameleon

70. F6FBB 5.15c problem

From: n8xsf@ix.netcom.com (Steven A. Ashenfelter)
Date: Sat, 20 Jan 1996 07:22:36 -0800
To: bbssig@tapr.org
Message-ID: <199601201522.HAA08758@ix3.ix.netcom.com>
Rendered body type: text/plain

Greetings to all. I have been reading the sig messages for about a month
now and find most to be worth reading. However, this just makes the last
100 SYSOP@WW messages on packet more agravating.

My problem with FBB is this.

I downloaded a new ENGLISH.LNG file from the Internet and edited it with
my BBS information.

Lately I have noticed the BBS sending out disconnects to stations who do
not deserve them. For example...

KB8WPC is connected and downloading through TPK his messages. While K3RC
is connected to the board but has not entered anything in the last 5 min.

KA8WPC receives a messages "No packets received from K3RC in past ten
min!" then is disconnected.

Why did KA8WPC become disconnected just because K3RC has not typed
anything in 5 min?

Has anyone else changed to this new language or experienced this problem?

Your replies are welcomed and thanks for reading this message.

Steve Ashenfelter
N8XSF@W8HHF.#TOL.OH.USA.NA
n8xsf@ix.netcom.com

71. Re: [BBSSIG:2183] Re: BBSSIG digest 335

From: Paul Kearney <ei7gm@iol.ie>
Date: Sat, 20 Jan 1996 15:34:09 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960120145233.5766B-100000@joyce.iol.ie>
Rendered body type: text/plain

**** I DECIDED TO USE CAPS-LOCK-ON FOR THIS ONE
I'M NOT SHOUTING !

*FLAMES OFF
*HELMET OFF
*MATCHES IN DRAWER

On Fri, 19 Jan 1996, Brian A. Lantz wrote:

> On Thu, 18 Jan 1996, Paul Kearney wrote:
>
> >
> > AH Yes, the old problem... which side of the 'continent' is the real one ?
> >
> > Well, consider....
> >
> > If "I" have mail for .NA / .NOAM , Do "I" forward it to a station
> > in Western/Eastern Canada or maybe Texas might be a suitable delivery
> > point for mail for Canada ??
> >
> > The same applies to Europe . Mail for Slovakia ? Where to ?
> > Deliver to England or Finland or Italy ?
> > (Slovakia is in Eastern Europe , England is West-ish Europe
> > Finland is up North , Italy is in the South of Europe)
> >
> > Europe ?? Oh yes thats the big bit after the Atlantic :-))
> >
> >
> > Which side.... How do you decide ?
> >
> > You USE the country code thats how !
> >
> > .NA .NOAM is useless when deciding whether
> > Canada or USA is the delivery point.
> >
> > Now , what were you saying about .AS being useless ??
>
> AH Yes, I see *you've* finally figured it out!
>
HAVE I ?
HUH ?

> The current ENTIRE CONTINENT designators (2 characters long) are
> insufficient for easily pinpointing a station down to a relatively small
> geographical area without consulting the country code.
>
HMMMM, RELATIVELY SMALL AREA.
PLEASE DEFINE 'SMALL'
NO MENTION OF 'SMALL' IN ANY DOC SO FAR
THATS WHAT THE COUNTRY CODE IS FOR - PIN_POINTING GEOGRAPHICAL AREAS

> As Roy said (but I don't believe you read):
>
> > > As I have said before, the discussions
> > > were just about unanimous that there were two valid options:
> > >
> > > Throw away the continent code
> > >
> > > Four letter designators
>
> The whole point in a nutshell, is that the current ENTIRE CONTINENT
> designators are insufficient for routing by themselves. They RARELY are
> of ANY use. So there were two options, listed above.

SO WHY DOES OLD .NA = NEW .NOAM ?
SO WHY DOES OLD .EU = NEW .EURO ?

TEXAS IS NOT NEAR QUEBEC BUT YET BOTH 'HAVE' THE SAME OLD + NEW CODE.

MAIL TRAVELS AND GETS THERE.
THE AREA BETWEEN TEXAS AND QUEBEC IS DEFINITELY NOT SMALL
BUT I KNOW THAT IF I NEED TO SPOT-THE-DIFFERENCE , I'LL USE THE COUNTRY
CODE.

SO WHY NOT GO THE 'WHOLE HOG' AND INVENT NEW CODES FOR THE GREENHOUSE
FIRST ?

AS I SAID , THERE IS A BIG DIFFERENCE IN ROUTING FOR FINLAND _v_ ITALY

BOTH HAVE .EU BUT YET MAIL FOR FINLAND GETS ROUTED TO NORTHERN EUROPE
AND MAIL FOR ITALY GETS TO SOUTHERN EUROPE AND NO ONE HAS ANY PROBLEMS

HOW DOES IT GET THERE , THE ROUTING SYSOPS , USE THEIR HEAD.
THEY HAVE A FWD FILE THAT USES COUNTRY CODES AS WELL.
SOMEONE HAS TO USE THE COUNTRY CODES , OR WHY HAVE THEM !

SO , INCREASING THE RESOLUTION OF THE CONTINENT CODES IS THEN
MAKING THE COUNTRY CODES MORE REDUNDANT.

AND ANYWAY , CAN ANYONE ACTUALLY TABULATE FWDING PROBLEMS
DUE EXACTLY TO THE 2-LETTER CODES , THAT ARE PROBLEMS
OUTSIDE THE USA __AND__ WHERE REVERSION TO COUNTRY CODES
WOULD NOT CURE THE PROBLEM ?
(I __DONT__ MEAN INTERNET FORWARDING !! this_time!)

REMEMBER WHAT I SAID WHEN I JOINED IN THIS 'FORUM' ,
IF YOU'RE NOT CLOSE ENOUGH TO WORRY ABOUT COUNTRY CODES
THEN JUST FORWARD THE MESSAGE IN THE BEST DIRECTION.
THE SYSOPS NEARER TO THE REQUIRED DESTINATION WILL
KNOW MORE THAN SOMEONE FARTHER AWAY.
JUST LIKE AN AMERICAN SYSOP WILL KNOW MORE ABOUT ROUTING UP+DOWN THE U.S.
THAN ANYONE OUTSIDE THE U.S.AND SYSOPS AOUTSIDE USA DONT WORRY
WHETHER F6CNB OR ONE OF THE OTHER GATEWAYS IS THE BEST.
NON-USA GATEWAY SYSOPS KNOW MORE THAN I DO ABOUT WHICH ROUTE
TO TAKE TO THE U.S. AND I LET THEM DO IT.

"WE" DONT ALL FORWARD ACROSS INTERNATIONAL BORDERS SO STOP WORRYING
ABOUT IT , LET THOSE WHO KNOW BETTER DO THE FORWARDING
UNLESS THEY DONT WANT TO .

>
> TAPR made a RECOMMENDATION (please note, TAPR never FORCED anyone to do
> ANYTHING, though many keep saying they did).....
>
> [note: I am NOT a TAPR member, for the record]
>
NEITHER AM I

/* BUT THANKS TO TAPR FOR THIS COPIER !! */
#include <thank_you.h>

> A few INDIVIDUALS who insist on rewriting EVERYONE'S addresses to what
> they *think* they should be, did this ALSO to Europeans. But you don't see
> any in the USA causing major grief about it.
>

I DOUBT THAT ANYONE IN USA WOULD CASTIGATE THEIR OWN NETWORK FRIENDS
OPENLY FOR EDITING MAIL HEADERS.
GIVEN THAT ALOT OF USA SYSOPS STILL USE USA.NA
AND THE REST USE USA.NOAM , HOW CAN ANYONE SAY WHICH IS RIGHT ?!
NO ONE OUTSIDE EUROPE HAS EVER COMPLAINED ABOUT DOUBLE STANDARDS IN THE
GREENHOUSE.

> My address is K04KS.#TPA.FL.USA.NOAM, and keeps being rewritten to NA by
> people who know what my address is better than I do. That does not make
> ME blame TAPR for it, or disregard a carefully thought out RECOMMENDATION
> from TAPR (by developers of some of the Packet Software in usage).
TAPR BY ITS OWN STATUS , CARRIES AUTHORITY WHICH UNLESS EXPRESSED CLEARLY
WILL INFLUENCE PEOPLE TO DO WHAT THE ORGANISATION SAYS.

THE PHRASE "TAKEN AS GOSPEL" COULD BE USED HERE.

>
>
> But this issue has *NOTHING* to do with TAPR, and *NOTHING* to do with
> the RECOMMENDATION to use 4 character continent designators.
IT DOES (AS ABOVE). BUT EDITING HAS DIED OFF DUE TO THE SYSOP@WW MSGS WHICH

HAVE TIPPED OFF THE OFFENDORS , SOME OF WHOM HAVE BEEN IDENTIFIED.

```
>
>
> -----
> Brian A. Lantz      http://www.lantz.com      brian@lantz.com
>
> REAL PORTION of Microsoft Windows code:
>     while (memory_available) {
>         eat_major_portion_of_memory (no_real_reason);
>         if (feel_like_it)
>             make_user_THINK (this_is_an_OS);
>         gates_bank_balance++;
>     }
>
>
> WHAT HAPPENED TO THE      " while (brian_fumes.... " bit ?      :-)
```

73
PAUL
EI7GM IN IRELAND

```
/*    CAPS OFF TO SHOW LESS IMPORTANCE    */
for those worried about identifying the
proper geographical area for ireland
```

```
ireland is located just off the coast of england.
england is where london is
if you fly due east from new york for about 3000-ish miles
    you'll see a small patch of green surrounded by blue-water
```

Wrong-Way-Corrigan found us (!!) so you shouldnt have any trouble.

```
0  0
 |
 \_/
```

73 again

P.S. OK, I'D SAY THAT THERE IS A HUGE AUDIENCE (??) OUT THERE
SO I'LL SHUT UP NOW (CHEERS HEARD FROM AROUND WORLD)
BUT ONLY FOR A WHILE AND LET SOMEONE ELSE COME UP WITH
SOME OTHER GEMS_OF_WISDOM ON THE GREENHOUSE EFFECT.

72. Re: [BBSSIG:2187] Re: BBSSIG digest 335

From: garlic@garlic.com
Date: Sat, 20 Jan 1996 09:30:27 -0800
To: bbssig@tapr.org
Message-ID: <310126B3.6201@garlic.com>
Rendered body type: text/plain

Paul Kearney wrote:

```
> ....
>
> P.S.    OK, I'D SAY THAT THERE IS A HUGE AUDIENCE (??) OUT THERE
>         SO I'LL SHUT UP NOW ( CHEERS HEARD FROM AROUND WORLD )
>         BUT ONLY FOR A WHILE AND LET SOMEONE ELSE COME UP WITH
>         SOME OTHER GEMS_OF_WISDOM ON THE GREENHOUSE EFFECT.
```

Please do!!!!

73. [BBSSIG:2186] F6FBB 5.15c problem

From: n1nfc@uswinfo.com
Date: 21 Jan 1996 16:02:48 EDT
To: bbssig@tapr.org
Message-ID: <199601211601.KAA25986@sys1.tapr.org>
Rendered body type: text/plain

BB>Greetings to all. I have been reading the sig messages for about a month
BB>now and find most to be worth reading. However, this just makes the last
BB>100 SYSOP@WW messages on packet more agrivating.

BB>My problem with FBB is this.

BB>I downloaded a new ENGLISH.LNG file from the Internet and edited it with
BB>my BBS information.

Can you give me an indication where you are getting FBB files? I would like to know. Thanks

BB>Lately I have noticed the BBS sending out disconnects to stations who do BB>not deserve them. For example...

BB>KB8WPC is connected and downloading through TPK his messages. While K3RC BB>is connected to the board but has not entered anything in the last 5 min.

BB>KA8WPC receives a messages "No packets received from K3RC in past ten BB>min!" then is disconnected.

BB>Why did KA8WPC become disconnected just because K3RC has not typed BB>anything in 5 min?

BB>Has anyone else changed to this new language or experienced this problem?

BB>Your replies are welcomed and thanks for reading this message.

BB>Steve Ashenfelter
BB>N8XSFW8HHF.#TOL.OH.USA.NA
BB>n8xsf@ix.netcom.com

73 de bill
n1nfc@n1nfc.#kbay.ga.usa.na
n1nfc@uswinform.com
n1nfc@ampr.america.com

74. Re: [BBSSIG:2189] F6FBB 5.15c problem

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 22 Jan 1996 04:43:58 -0700
To: bbssig@tapr.org
Message-ID: <199601221143.EAA09656@acca.nmsu.edu>
Rendered body type: text/plain

At 10:14 AM 1/21/96 -0600, you wrote:

>BB>My problem with FBB is this.

>

>BB>I downloaded a new ENGLISH.LNG file from the Internet and edited it with

>BB>my BBS information.

>

Very dangerous to just "get" a language file.

>Can you give me an indication where you are getting FBB files? I would
>like to know. Thanks

I got mine from F6FBB.

>

>BB>Lately I have noticed the BBS sending out disconnects to stations who do
>BB>not deserve them. For example...

>

>BB>KB8WPC is connected and downloading through TPK his messages. While K3RC

>BB>is connected to the board but has not entered anything in the last 5 min.

>

>BB>KA8WPC receives a messages "No packets received from K3RC in past ten

>BB>min!" then is disconnected.

>

>BB>Why did KA8WPC become disconnected just because K3RC has not typed

>BB>anything in 5 min?

>

>BB>Has anyone else changed to this new language or experienced this problem?

>

>BB>Your replies are welcomed and thanks for reading this message.

>

>BB>Steve Ashenfelter
>BB>N8XSFW8HHF.#TOL.OH.USA.NA
>BB>n8xsf@ix.netcom.com

>

>73 de bill
>n1nfc@n1nfc.#kbay.ga.usa.na
>n1nfc@uswinform.com
>n1nfc@ampr.america.com

>

>

Steve I am a strong supporter of the ideal that if it ain't broke, don't fix it. The world abounds with software and control files written in good faith but not worth the space they take on your computer.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

75. 2 / 4 letter continents

From: ANDREW SELLERS <G8TZJ@lancaster.ac.uk>
Date: Mon, 22 Jan 96 18:09:49 GMT
To: bbssig@tapr.org
Message-ID: <27712.9601221809@cent1.lancs.ac.uk>
Rendered body type: text/plain

--

>>On Thu, 18 Jan 1996, Paul Kearney wrote:
>>> That's exactly the problem. If you have to code JPN.AS and ISR.AS
>>> then the ".AS" is USELESS!!!!!! As I have said before, the discussions

Brian A. Lantz wrote---
>AH Yes, I see *you've* finally figured it out!

>The current ENTIRE CONTINENT designators (2 characters long) are
>insufficient for easily pinpointing a station down to a relatively small
>geographical area without consulting the country code.

Yes and the 4 letter codes do not make this any easier. Lets take the example of routing mail to Israel, which is in MDLE. The nearest satgates are SV8RV in Greece and A45ZO in Oman. Oman is in MDLE, so you would say, send all mail for MDLE to Oman for forwarding to Israel. The Oman satgate does not have a direct link with Israel, but Greece does. So it is better to route *.ISR.MDLE to SV8RV and *.OMN.MDLE to A45ZO.

So sending ALL MDLE mail to a single satgate is not a good idea. HF gateways and satgates, HAVE to route on a combination of country AND continent codes for efficient routing. The use of 4 letters does nothing to improve the routing. Israel and Oman are just one example of routing conflicts that the satgate network manages.

Roy said--

> > As I have said before, the discussions
> > were just about unanimous that there were two valid options:
> >
> > Throw away the continent code
> >
> > Four letter designators

The continent codes ARE very useful for BBS's that are NOT gateways as they just need a few lines in their forward files to accurately route mail IE

*.NA
*.NOAM
*.CEAM

to route it towards BBS A

*.AF
*.AS
*.OC

to send all this mail towards BBS B
and so on.

Just think of all the countries in AF OC AS that would have to be written into the forward files to replace just 3 lines of text. This is why a lot of BBS's do not want to drop the 2 letter continent codes.

Brian A. Lantz wrote---
>TAPR made a RECOMMENDATION (please note, TAPR never FORCED anyone to do
>ANYTHING, though many keep saying they did).....

True, but the whole thing flared up in GBR because masses of mail coming from the USA was addressed like G1xxx @ GB7LAN.#16.GBR.EURO when the real address ended with EU. It turns out that an M_FILTER for FBB BBS's written by KE0WO has the option to "clean up R: lines" and to also change 4 letter codes to 2 OR 2 letter ones to 4 ! Its this deliberate swapping and hence

the corruption of the White Pages that annoyed a lot of EU sysops. It now seems that a lot of USA sysops have now disabled this feature.

There is nothing wrong with the present mix of 2 and 4 letter codes, IE NA NOAM SA SOAM CARB CEAM EU AS AF OC MDLE as they work fine when combined with the country code. Nobody has yet been able to show me a practical routing problem for mail based on the 2 letter continent codes. Any offers ?

73 Andrew g8tzj @ lancaster.ac.uk
G8TZJ @ GB7LAN.#16.GBR.EU satgate

76. Re: [BBSSIG:2191] 2 / 4 letter continents

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 22 Jan 1996 18:38:38 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960122183800.14606F-100000@lantz.com>
Rendered body type: text/plain

On Mon, 22 Jan 1996, ANDREW SELLERS wrote:

```
> Brian A. Lantz wrote---
> >TAPR made a RECOMMENDATION (please note, TAPR never FORCED anyone to do
> >ANYTHING, though many keep saying they did).....
>
> True, but the whole thing flared up in GBR because masses of mail coming
> from the USA was addressed like G1xxx @ GB7LAN.#16.GBR.EURO when the real
> address ended with EU.
```

And I *repeat*: This has nothing to do with TAPR, directly or indirectly....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

77. Re: [BBSSIG:2192] Re: 2 / 4 letter continents

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 22 Jan 1996 16:35:10 -0800
To: bbssig@tapr.org
Message-ID: <199601230041.QAA02322@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

>On Mon, 22 Jan 1996, <Someone, again> wrote:

```
>> True, but the whole thing flared up in GBR because masses of mail coming
>> from the USA was addressed like G1xxx @ GB7LAN.#16.GBR.EURO when the real
>> address ended with EU.
```

Good heavens folks! What can this person possibly mean by "... the real address ..." ? Can someone point me to any standard that mentions continent designators, other than the three ad hoc standards we have been discussing?

1. The original set (I proposed them way way back.)
EU, NA, SA, AS, et al.
2. W3IWI's suggested four letter set, proposed a year
or so after mine were in use.
EURO, SOAM, NOAM, et al.
3. The current TAPR proposal.
(Similar to the W3IWI proposal, but with extensions.)

I do feel a bit honored that you call "EU" (which I forced everyone to use long long ago) is considered the "... real address ...".

However, it is not any such thing, but is simply a tag I made up to use in my code long ago.

So with respect to the authority to use "EU", it's me. I made it up, used it first, and promulgated it's use. If you want to argue that it is some sort of a "standard" then please point me to some standards

document (other than the documentation I sent out with my bbs code) which mentions "EU" as a standard address designator.

<pause while folks run Archie, Webcrawler, Lycos, etc.>

Ok, so there IS no standards document which mentions "EU".

SO ... the problem is solved. "I hereby recant EU and require EURO."

=====

The above is called "humor" (or in the U.K., "Humour".)

Seriously folks, don't you have anything better to bicker about?

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

78. Re: Attention sysops in ASIA

From: Tariq Janjua <tj@janjua.isb.erum.com.pk>
Date: Tue, 23 Jan 1996 08:32:43
To: bbssig@tapr.org
Message-ID: <290@janjua.isb.erum.com.pk>
Rendered body type: text/plain

Barry, I would like to place on record my disagreement with the proposal for the new continental designators as defined in your packet message to SYSOP@WW. My reasons are twofold:

1. INDI, MEDR, CARB, WPAC, EPAC etc. are oceans/seas, not continents. Next will we be asked to subdivide by Bay of Bengal, Arabian/Adriatic/Baltic/Caspian/Black/Red/Dead Seas? Furthermore, will countries like Greece and France come under EURO/MEDR/both? What about Turkey - MEDR/EURO/ASIA? Or Libya - MEDR/NAFR/MDLE? Israel - MEDR/ASIA/MDLE? etc. etc.

2. You are overlooking geo-political considerations, which play an important part in the national psyche in regions such as ours. I am quite sure I would be shut down (if not prosecuted or worse) if I were to declare my country as a part of INDIA (subcontinent, ocean or not) from which we fought so hard to gain independence. I am also absolutely certain that other small countries surrounding our big neighbour who are also feeling the pinch of its hegemonistic tendencies such as Nepal, Bangladesh, Sri Lanka would much rather ban packet radio than be lumped together under INDI (the missing A notwithstanding). This is not meant to be a political statement of any sort, just drawing your attention to the realities of the region.

I am all for anything that increases network efficiency and keeps the mail flowing without mis-routing errors. I have no problem with changing EU to EURO, NA to NOAM, AS to ASIA etc. etc. But please, if we are talking about CONTINENTAL designators then let us keep them the way they have been for millenia - clearly defined land masses, large or small. Else we will soon have other "Designators" like .NAFTA, .EEC, .OAS, .OAPEC etc. etc. Let the SYSOPs decide the shortest and fastest route to the ultimate destination of a message to a particular USER@BBS/CITY/STATE.COUNTRY.CONTINENT as they have done (quite admirably) so far. I was advised by a forwarding partner that mail for users of my BBS was being mis-routed because my city designator - ISL - was the same as Iceland's country designator so I promptly changed it to #ISL and the problem was over. As far as I can make out, the problem over designators arose because Namibia is now NA (on Internet?) which clashes with NA in Packet. In the latter, countries are supposed to have 3 letter designators anyway so are we not discussing apples vs. oranges here?

Hope my vote of dissent will be given due consideration and look forward to hearing from you on the subject.

Vy 73s de Tariq/AP2TJ
SysOp AP2TJ.#ISL.PAK.AS
The 1st (& ONLY!) PRBBS in Pakistan

79. [BBSSIG:2189] F6FBB 5.15c problem

From: "n1nfc@uswininfo.com@1":2619/211.9@tapr.org (n1nfc@uswininfo.com%1:2619/211.9)
Date: 21 Jan 96 11:14:19 -0500
To: bbssig@tapr.org
Message-ID: <f8b_9601230615@woodybbs.com>
Rendered body type: text/plain

To: n1nfc@uswininfo.com%1:2619/211.9%12:320/100.666
From: n1nfc@uswininfo.com
Subject: [BBSSIG:2189] F6FBB 5.15c problem

BB>Greetings to all. I have been reading the sig messages for about a month
BB>now and find most to be worth reading. However, this just makes the last
BB>100 SYSOP@WW messages on packet more agravating.

BB>My problem with FBB is this.

BB>I downloaded a new ENGLISH.LNG file from the Internet and edited it with
BB>my BBS information.

Can you give me an indication where you are getting FBB files? I would
like to know. Thanks

BB>Lately I have noticed the BBS sending out disconnects to stations who do
BB>not deserve them. For example...

BB>KB8WPC is connected and downloading through TPK his messages. While K3RC
BB>is connected to the board but has not entered anything in the last 5 min.

BB>KA8WPC receives a messages "No packets received from K3RC in past ten
BB>min!" then is disconnected.

BB>Why did KA8WPC become disconnected just because K3RC has not typed
BB>anything in 5 min?

BB>Has anyone else changed to this new language or experienced this problem?

BB>Your replies are welcomed and thanks for reading this message.

BB>Steve Ashenfelter
BB>N8XSF@W8HHF.#TOL.OH.USA.NA
BB>n8xsf@ix.netcom.com

73 de bill
n1nfc@n1nfc.#kbay.ga.usa.na
n1nfc@uswininfo.com
n1nfc@ampr.america.com

Origin: WoodyWare Software, Inc. <-> Internet Gateway (1:2619/211.9)

Origin: Gateway ARNet <-> HamNet by HB9EBW (12:320/100.666)

--

|Fidonet: n1nfc@uswininfo.com%1:2619/211.9 2:301/249.666
|Internet: n1nfc@uswininfo.com%1:2619/211.9

|

| Standard disclaimer: The views of this user are strictly his own.

80. Re: [BBSSIG:2195] F6FBB 5.15c problem

From: n8xsf@ix.netcom.com (Steven A. Ashenfelter)
Date: Tue, 23 Jan 1996 23:12:34 -0800
To: bbssig@tapr.org
Message-ID: <199601240712.XAA14631@ix7.ix.netcom.com>
Rendered body type: text/plain

The area where I found the Language was in a forum on Compuserve. The
HamNet I beleive it is called. I have since deleted the new language
and have completely deleted the message base. I found that between one
of my forwarding partners and myself, I was changing BIDS! My BBS is in
a remote site so I just arived home from the 5 1/2 hour tuneup!

I then ran the house cleaning twice and created a test message, deleted
it and then ran the house cleaning again. Before allowing the BBS to
restart, I went through the MAIL and BINMAIL directories and foud 8
messages still in the mail directories from back in 94!! I then
deleted the TMP files in the MAIL directory and restared the BBS and
ran the House cleaning once again.

Hopefully all the work I did will pay off and the BBS will run again

I would also like to take this time to thank F6FBB for all the time and effort that he and all who help him out! It is very much appreciated!!

Steve Ashenfelter
N8XSF SysOp@W8HHF

ps2. Sorry for any typos I am very tired! 2:12am est

From: bewhite@ibm.net
Date: Sat, 20 Jan 96 13:20:33 +1200
To: bbssig@tapr.org
Message-ID: <9601202122.LR0021@localhost>
Rendered body type: text/plain

TAPR-BBSSIG 1996

> It still goes north whether it is Japan or Israel. .EU whether it is Eu east
> west north or south it still goes off in the same direction !
>
> But, I can hear you say, "Thats because you are in Australia ! "
>
> YES, YES, EXACTLY !!!
>
> It seems that it is only a very few BBSs that have to start looking at
> different areas of a particular continent, then those bbss can start
> switching on the country code as well, but the continent code is still
> needed far away.
> Maybe I have still got it wrong but I am still in the dark as to what
> is the problem. Is there a problem with some BBSs not being able to route on
> more than one part of the H address ?
>
> 73 Barry VK2AAB @ VK2WI (Sysop vk2wi)
> bewhite@ibm.net

82. Re: [BBSSIG:2177] Re: BBSSIG digest 335

From: bewhite@ibm.net
Date: Sat, 20 Jan 96 12:53:20 +1200
To: bbssig@tapr.org
Message-ID: <9601202209.AD0024@localhost>
Rendered body type: text/plain

//--- forwarded letter> From: garlic@garlic.com
> To: bbssig@tapr.org
> Reply-To: bbssig@tapr.org
> Subject: [BBSSIG:2177] Re: BBSSIG digest 335

>
> Karl F. Larsen wrote:
> >
> > At 09:08 PM 1/16/96 -0600, you wrote:
> > >I really don't understand what the problem is !
> > >The forwarding codes are ISO 3166 using the three letter country code

and
> > >the two letter continent code.
> > >
> > >>
> > > Surely any intelligent software can tell the difference between
> > >
> > > .JPN.AS
> > > &
> > > .ISR.AS
> > >
> >
> > Brovo, Brovo, Brovo, Brovo, Brovo
> >
>
> >
>
> That's exactly the problem. If you have to code JPN.AS and ISR.AS
> then the ".AS" is USELESS!!!!!! As I have said before, the discussions
> were just about unanimous that there were two valid options:
>
> Throw away the continent code
>
> Four letter designators
>
> Roy

Thanks for the comment Roy,
I now have a bit more insight to the "problem".

It depends on where you are located. For many sysops .AS is in one
direction only ! It still goes north whether it is Japan or Israel. .EU is
still in the same direction whether it is North South East or West Europe.
But--but--- I can hear you say "Thats because you are in Australia !"

YES, YES EXACTLY !!

It seems that it is only a very small number of BBSs that have to start
looking at different areas of a continent, then those BBSs can start
switching on the country code as well. I think I see another angle to this;
If you get so close to another continent that you have to start looking at
different parts of it, surely you should start looking for the particular
country at that point ? After all why send messages to say a gateway in say

Japan when the traffic is for Malaysia and there is a gateway station in Malaysia; just because the traffic is .AS ?

Maybe I have got it all wrong but I do know more than when I started reading all this. Is there a problem with some BBSs not being able to route on more than one part of the H address ?

I haven't seen a comment on my other query as to why we are stuck with this .#sa nonsense for South Australia. Is it because some BBSs inspect the H route in the wrong direction and would quit when they see .sa(.aus.oc) and whiz it off to South America ?

73 Barry VK2AAB @ VK2WI.NSW.AUS.OC
bewhite@ibm.net

83. Flailing over silly continent designators

From: Howard Goldstein <howard@Melb.SciAtl.COM>
Date: Wed, 24 Jan 1996 09:39:53 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.SUN.3.91.960124093551.1644D-100000@brandy>
Rendered body type: text/plain

Geez guys, the powers that be claim Namibia isn't a problem anymore (I'd heard ages ago it was a satellite problem, not a Namibia problem, but whatever).

So that leaves WP, yes? Is WP so ornary that it can't alias separate but equal mail addressing schemes?

--
Howard Goldstein <howard@melb.sciatl.com>
#include <std_employer_disclaimer.h> <hg@n2wx.ampr.org>

84. Re: [BBSSIG:2199] Flailing over silly continent designators

From: "Brian A. Lantz" <brian@lantz.com>
Date: Wed, 24 Jan 1996 11:00:31 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960124105151.483P-100000@lantz.com>
Rendered body type: text/plain

On Wed, 24 Jan 1996, Howard Goldstein wrote:

> Geez guys, the powers that be claim Namibia isn't a problem anymore (I'd
> heard ages ago it was a satellite problem, not a Namibia problem, but
> whatever).

Since the problem dates back several years before probably anyone HEARD of Namibia, how could anyone believe that this WAS *the* problem? There was NO Internet<->PBBS forwarding in 1987...

> So that leaves WP, yes? Is WP so ornary that it can't alias separate but
> equal mail addressing schemes?

Well, how about an example....

In South Florida is a BBS, callsign KB4VOL. He receives email from a path on the east coast, and a path on the west coast. He has sent the SYSOP of the KE4CRB BBS several messages, asking why CRB is changing his H-address. Of course, CRB is *NOT* changing. What has been discovered is that the east coast path preserves CRB's *ACTUAL* h-address (which ends in NOAM), while someone on the west coast (in their profound, infinite wisdom - knowing more about CRB than CRB) has decided to RE-ADDRESS CRB (I guess for his own good) to NA on all traffic passing down that west coast path.

So VOL will get a message with NOAM, then one with NA, etc.

A WP address is a string. It either matches or it doesn't. A database with a single entry.

But, this has NOTHING to do with whether 2 or 4 character designators should/should not be used. This deals with RUDE BBS practices, that COINCIDENTALLY are changing these designators.

This is NOT the problem, it is a result of there NOT being only *one* standard. If there WERE only one addressing standard, there would be no 'option' to readdress to....

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```


recommendation and work toward one that has input from Hams in Europe and Africa and Asia and

All this flailing around (thank you Howard) is due to ignorance. I have no idea what the address is for Zambia, and I bet a buck only a satellite BBS operator MIGHT know this. So how can you or I tell a Ham in Zambia what to use as a packet address?

So lets either mount a data gathering effort or just drop this subject. It will be a long project if we gather data. For example who's data do we use? How do you verify that the data you get is what is in use?

And stop trying to sell everyone on a 4 digit continent designator. We have proven that 4 digits work, and for many years proven that 2 digits work. I suggest that when a group decides to do this job, they consider using between 2 and 4 digits. Use 2 if there is no conflict or 3 if that will do it, or 4 if it adds useful information.

Also we English speaking Hams are very arrogant. We make the designators make sense to people who read English. What about those who speak French? How about the asian Hams? I say let the Hams in Zambia decide what they want and use it.

The k5di bbs changed back to k5di.cruces.nm.usa.na since it has been .noam to honor Hank W0RLI for over a year. Now it's again .na because I think that is best. And it IS my bbs...

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

87. Re: 2/4 letters

From: ANDREW SELLERS <G8TZJ@lancaster.ac.uk>
Date: Thu, 25 Jan 96 17:35:46 GMT
To: bbssig@tapr.org
Message-ID: <1855.9601251735@cent1.lancs.ac.uk>
Rendered body type: text/plain

--

>From: Hank Oredson
>>On Mon, 22 Jan 1996, <Someone, again> wrote:

That was me G8TZJ;

>>> True, but the whole thing flared up in GBR because masses of mail coming
>>> from the USA was addressed like G1xxx @ GB7LAN.#16.GBR.EURO when the real
>>> address ended with EU.

>Good heavens folks! What can this person possibly mean by
>"... the real address ..." ? Can someone point me to any standard

Simple. MY bbs hierarchical address is GB7LAN.#16.GBR.EU , note the last 2 characters. This is the address that I use and so does 99% of all other BBS's in GBR.

>From: "Brian A. Lantz" <brian@lantz.com>

>In South Florida is a BBS, callsign KB4VOL. He receives email from a path
>on the east coast, and a path on the west coast. He has sent the SYSOP of
>the KE4CRB BBS several messages, asking why CRB is changing his
>H-address. Of course, CRB is *NOT* changing. What has been discovered is
>that the east coast path preserves CRB's *ACTUAL* h-address (which ends
>in NOAM), while someone on the west coast (in their profound, infinite
>wisdom - knowing more about CRB than CRB) has decided to RE-ADDRESS CRB
>(I guess for his own good) to NA on all traffic passing down that west
>coast path.

I wonder if the BBS that changes the continent code, is running the M_FILTER program by KE0WO ? If so he should disable the R: line "standardising" feature of this program.

73 Andrew G8TZJ

88. FBB TXT and HLP files

From: lkenney@slip.net (Larry Kenney)
Date: Thu, 25 Jan 96 11:30:01 PST
To: bbssig@tapr.org

Message-ID: <9601251930.AA14063@slip-2.slip.net>
Rendered body type: text/plain

A year or so ago, Bill, K9AT, took the original ENGLISH.TXT and ENGLISH.HLP files for the FBB BBS and rewrote them for the users of the W6PW BBS in San Francisco. The new files are much more complete and explicit than the originals, and are easier for the user to understand.

I have also taken this revised ENGLISH.HLP file and made it into a "W6PW Users' Guide", a file called W6PW.DOC.

Several other FBB sysops here in California and Oregon have edited these files for their own use (changing the callsign, forwarding designators, etc.) and have found them to be popular with their users.

If you'd like copies of any of these files for use on your BBS, you can connect to the phone port of W6PW (415-285-3775) and download them (the latest versions of the files are in a new \FBBDOC directory) or you can send me a message and I'll be happy to send them to you as "attachments" to an e-mail message.

I offer this word of WARNING...and this might be the cause of the problem with a new FBB ENGLISH.LNG file mentioned here recently: DO NOT use a word processor to edit these files. The lines in the files MUST be in the correct position, with no added lines. Some lines contain up to 255 characters, and they must remain all in one line. Word processors tend to manipulate the files, and they won't work, and possibly won't even load, if they're not formatted correctly. Use the DOS editor. It's clumsy, but it works without messing up the formatting of the files.

Comments on the files would be appreciated.

73, Larry, WB9LOZ @ W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net
San Francisco

89. Re: [BBSSIG:2203] Re: 2/4 letters

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Thu, 25 Jan 1996 12:18:29 -0800
To: bbssig@tapr.org
Message-ID: <199601252024.MAA01355@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 11:39 AM 1/25/96 -0600, you wrote:

>
>
>
>--
>>From: Hank Oredson
>>>On Mon, 22 Jan 1996, <Someone, again> wrote:
>
>That was me G8TZJ;
>
>>> True, but the whole thing flared up in GBR because masses of mail coming
>>> from the USA was addressed like G1xxx @ GB7LAN.#16.GBR.EURO when the real
>>> address ended with EU.
>
>>Good heavens folks! What can this person possibly mean by
>>"... the real address ..." ? Can someone point me to any standard
>
>Simple. MY bbs hierarchical address is GB7LAN.#16.GBR.EU , note the last 2
>characters. This is the address that I use and so does 99% of all other
>BBS's in GBR.

Please try really hard to read what I wrote above (and the portions of my message which you deleted.)

The question I posed was "WHY do you use EU", not "DO you use EU" or "WHAT address do you use".

Please someone out there point me to the authority, other than myself, for the use of EU. Reference something that occurred PRIOR to February, 1987 or reference some actual STANDARDS ORGANIZATION DOCUMENT to support your claim.

No? You can find no other reason to use EU than "Hank made us do it" ?

Ok, now we know the reason EU is used.

When you reply to this, quote the entire message, including the following statement:

"I recant EU and suggest EURO."

Unless you can point to some OTHER authority, the above statement should be quite enough to end this discussion.

... Hank

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

90. Re: [BBSSIG:2204] FBB TXT and HLP files

From: mgross@telerama.lm.com (Michael Gross)
Date: Thu, 25 Jan 1996 15:37:36 -0500
To: bbssig@tapr.org
Message-ID: <199601252037.PAA14755@ivory.lm.com>
Rendered body type: text/plain

Hi LArroy...
I would appreciate your new ENGLISH FBB files as an attachemnt to a message.
Thanks in advance...
Mike, KA3NVP@K3MJW.#SWPA.US.NOAM

>A year or so ago, Bill, K9AT, took the original ENGLISH.TXT and
>ENGLISH.HLP files for the FBB BBS and rewrote them for the users of
>the W6PW BBS in San Francisco. The new files are much more complete
>and explicit than the originals, and are easier for the user to
>understand.
>
>I have also taken this revised ENGLISH.HLP file and made it into a
>"W6PW Users' Guide", a file called W6PW.DOC.
>
>Several other FBB sysops here in California and Oregon have edited
>these files for their own use (changing the callsign, forwarding
>designators, etc.) and have found them to be popular with their
>users.
>
>If you'd like copies of any of these files for use on your BBS, you
>can connect to the phone port of W6PW (415-285-3775) and download them
>(the latest versions of the files are in a new \FBBD0C directory) or
>you can send me a message and I'll be happy to send them to you as
>"attachments" to an e-mail message.
>
>I offer this word of WARNING...and this might be the cause of the
>problem with a new FBB ENGLISH.LNG file mentioned here recently:
>DO NOT use a word processor to edit these files. The lines in the
>files MUST be in the correct position, with no added lines. Some
>lines contain up to 255 characters, and they must remain all in one
>line. Word processors tend to manipulate the files, and they won't
>work, and possibly won't even load, if they're not formatted correctly.
>Use the DOS editor. It's clumsy, but it works without messing up the
>formatting of the files.
>
>Comments on the files would be appreciated.
>
>73, Larry, WB9LOZ @ W6PW.#NOCAL.CA.USA.NOAM
>lkenney@slip.net
>San Francisco
>
>
>
>

Michael Gross, KA3NVP

91. Re: [BBSSIG:2205] Re: 2/4 letters

From: rsbaker@dove.mtx.net.au (Rodney S Baker)
Date: Fri, 26 Jan 96 01:12:20 EST
To: bbssig@tapr.org
Message-ID: <199601260118.LAA25049@dove.mtx.net.au>

Rendered body type: text/plain

On Thu, 25 Jan 1996 14:29:13 -0600 (CST) you wrote:

>Please try really hard to read what I wrote above (and the
>portions of my message which you deleted.)
>
>The question I posed was "WHY do you use EU", not "DO you use EU"
>or "WHAT address do you use".
>
>Please someone out there point me to the authority, other than
>myself, for the use of EU. Reference something that occurred PRIOR
>to February, 1987 or reference some actual STANDARDS ORGANIZATION
>DOCUMENT to support your claim.
>

I believe Barry VK2AAB has already mentioned (more than once) that the current 2-letter continent designators comply with ISO 3166 which allows for both 2 and 3 letter continent designators.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | My other .sig file is boring too!
Email     : rsbaker@dove.mtx.net.au         |
=====
```

92. [BBSSIG:2204] FBB TXT and HLP files

From: n1nfc@uswinfo.com
Date: 25 Jan 1996 21:48:22 EDT
To: bbssig@tapr.org
Message-ID: <199601260248.UAA18051@sys1.tapr.org>
Rendered body type: text/plain

BB>A year or so ago, Bill, K9AT, took the original ENGLISH.TXT and
BB>ENGLISH.HLP files for the FBB BBS and rewrote them for the users of
BB>the W6PW BBS in San Francisco. The new files are much more complete
BB>and explicit than the originals, and are easier for the user to
BB>understand.

BB>I have also taken this revised ENGLISH.HLP file and made it into a
BB>"W6PW Users' Guide", a file called W6PW.DOC.

BB>Several other FBB sysops here in California and Oregon have edited
BB>these files for their own use (changing the callsign, forwarding
BB>designators, etc.) and have found them to be popular with their
BB>users.

BB>If you'd like copies of any of these files for use on your BBS, you
BB>can connect to the phone port of W6PW (415-285-3775) and download them
BB>(the latest versions of the files are in a new \FBBDOC directory) or
BB>you can send me a message and I'll be happy to send them to you as
BB>"attachments" to an e-mail message.

BB>I offer this word of WARNING...and this might be the cause of the
BB>problem with a new FBB ENGLISH.LNG file mentioned here recently:
BB>DO NOT use a word processor to edit these files. The lines in the
BB>files MUST be in the correct position, with no added lines. Some
BB>lines contain up to 255 characters, and they must remain all in one
BB>line. Word processors tend to manipulate the files, and they won't
BB>work, and possibly won't even load, if they're not formatted correctly.
BB>Use the DOS editor. It's clumsy, but it works without messing up the
BB>formatting of the files.

BB>Comments on the files would be appreciated.

BB>73, Larry, WB9LOZ @ W6PW.#NOCAL.CA.USA.NOAM
BB>lkenney@slip.net
BB>San Francisco

I am really interested in giving them a try at the n1nfc BBs here in
Kingsland GA
how about sending them my way too! if you don't mind...
I will take all the help I can get.

73 de Bill
N1NFC@N1NFC.#KBAY.GA.USA.NOAM
n1nfc@uswinfo.com

93. [BBSSIG:2204] FBB TXT and HLP files

From: n1nfc@uswinfo.com
Date: 25 Jan 1996 21:48:22 EDT
To: bbssig@tapr.org
Message-ID: <199601260418.WAA21729@sys1.tapr.org>
Rendered body type: text/plain

BB>A year or so ago, Bill, K9AT, took the original ENGLISH.TXT and
BB>ENGLISH.HLP files for the FBB BBS and rewrote them for the users of
BB>the W6PW BBS in San Francisco. The new files are much more complete
BB>and explicit than the originals, and are easier for the user to
BB>understand.

BB>I have also taken this revised ENGLISH.HLP file and made it into a
BB>"W6PW Users' Guide", a file called W6PW.DOC.

BB>Several other FBB sysops here in California and Oregon have edited
BB>these files for their own use (changing the callsign, forwarding
BB>designators, etc.) and have found them to be popular with their
BB>users.

BB>If you'd like copies of any of these files for use on your BBS, you
BB>can connect to the phone port of W6PW (415-285-3775) and download them
BB>(the latest versions of the files are in a new \FBBDOC directory) or
BB>you can send me a message and I'll be happy to send them to you as
BB>"attachments" to an e-mail message.

BB>I offer this word of WARNING...and this might be the cause of the
BB>problem with a new FBB ENGLISH.LNG file mentioned here recently:
BB>DO NOT use a word processor to edit these files. The lines in the
BB>files MUST be in the correct position, with no added lines. Some
BB>lines contain up to 255 characters, and they must remain all in one
BB>line. Word processors tend to manipulate the files, and they won't
BB>work, and possibly won't even load, if they're not formatted correctly.
BB>Use the DOS editor. It's clumsy, but it works without messing up the
BB>formatting of the files.

BB>Comments on the files would be appreciated.

BB>73, Larry, WB9LOZ @ W6PW.#NOCAL.CA.USA.NOAM
BB>lkenney@slip.net
BB>San Francisco

I am really interested in giving them a try at the n1nfc BBs here in
Kingsland GA
how about sending them my way too! if you don't mind...
I will take all the help I can get.

73 de Bill
N1NFC@N1NFC.#KBAY.GA.USA.NOAM
n1nfc@uswinfo.com

94. Re: [BBSSIG:2207] Re: 2/4 letters

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Fri, 26 Jan 1996 09:54:48 -0800
To: bbssig@tapr.org
Message-ID: <199601261801.KAA22490@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 07:38 PM 1/25/96 -0600, you wrote:
>On Thu, 25 Jan 1996 14:29:13 -0600 (CST) you wrote:
>
>>Please try really hard to read what I wrote above (and the
>>portions of my message which you deleted.)
>>
>>The question I posed was "WHY do you use EU", not "DO you use EU"
>>or "WHAT address do you use".
>>
>>Please someone out there point me to the authority, other than
>>myself, for the use of EU. Reference something that occurred PRIOR
>>to February, 1987 or reference some actual STANDARDS ORGANIZATION
>>DOCUMENT to support your claim.
>>
>
>I believe Barry VK2AAB has already mentioned (more than once) that the
>current 2-letter continent designators comply with ISO 3166 which
>allows for both 2 and 3 letter continent designators.

Most interesting. Where in ISO 3166 are continent designators mentioned?

My copy of ISO 3166 defines only COUNTRY designators, both 2 and 3 letters.

Can someone provide an actual reference to a paragraph, or a version number or date of ISO 3166 which mentions CONTINENTS?

... Hank

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM	

95. Re: [BBSSIG:2210] Re: 2/4 letters

From: Larry Shotwell <pony@bright.net>
Date: Fri, 26 Jan 1996 18:32:02 -0500
To: bbssig@tapr.org
Message-ID: <199601262332.SAA15191@brutus.bright.net>
Rendered body type: text/plain

At 12:14 PM 1/26/96 -0600, you wrote:
>At 07:38 PM 1/25/96 -0600, you wrote:
>>On Thu, 25 Jan 1996 14:29:13 -0600 (CST) you wrote:
>>
>>>Please try really hard to read what I wrote above (and the
>>>portions of my message which you deleted.)
>>>
>>>The question I posed was "WHY do you use EU", not "DO you use EU"
>>>or "WHAT address do you use".
>>>
>>>Please someone out there point me to the authority, other than
>>>myself, for the use of EU. Reference something that occurred PRIOR
>>>to February, 1987 or reference some actual STANDARDS ORGANIZATION
>>>DOCUMENT to support your claim.
>>>
>>
>>I believe Barry VK2AAB has already mentioned (more than once) that the
>>current 2-letter continent designators comply with ISO 3166 which
>>allows for both 2 and 3 letter continent designators.
>
>
>Most interesting. Where in ISO 3166 are continent designators mentioned?
>
>My copy of ISO 3166 defines only COUNTRY designators, both 2 and 3 letters.
>
>Can someone provide an actual reference to a paragraph, or a version
>number or date of ISO 3166 which mentions CONTINENTS?
>
> ... Hank
>
>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>
>
>
Arent we missing the issue. The issue is why do you want 4 character
continent codes. I still have not seen a satisfactory explanation of why it
is needed.
Why do I use 2 character codes, because they work, are more explicit, are
easier to route based on, are shorter, and are generally accepted. No-one
told me I had to use them and I dont feel I have to use 2 character codes.
I want to and that is my decision.

My interpretation of the "real address" for any particular bbs is the
address that the sysop of that bbs chose. Anyone changing addresses per any
supposed standard is changing the real address to thier interpretation of
the address.

2 character continental codes are a standard by virtue of thier usage. Who
cares if there is a document. The existence of a document does not make the
designator work any better or any worse. Sounds like another smoke screen.
Lets deal with why you want to change to 4 characters not if there is a
document.

Until TAPR or anyone else tells us why the change is needed, there isn't
enough information to even base a decision on. Any good proposal covers why

the proposal is needed and what the benefits and drawbacks are. TAPR's proposal explained nothing except what was proposed. What happened to the why's? How many times do we have to ask WHY to get a response that does not answer the question. If you don't want to tell us why then we can only assume that there really is no reason. Answering a question with another question is just another way of saying I don't want to answer the question.

Lets discuss benefits of each of the 2 systems not if they are "official standards" or not. As of now the bulk of the well thought out viewpoints point to 2 character codes being the more logical choice. For now 2 character continental code of NA is the "real" address at this bbs. If this bothers you and you want me to change then it is up to you to prove your viewpoint to me not me to prove my viewpoint to you since it is you who want me to change.

Larry

96. Re: [BBSSIG:2211] Re: 2/4 letters

From: mwestfal@csci.csusb.edu (Michael Westfall)
Date: Fri, 26 Jan 1996 20:17:30 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <199601270417.EAA22028@csci.csusb.edu>
Rendered body type: text/plain

In a former treatise, Larry Shotwell spake thusly:

->
-> My interpretation of the "real address" for any particular bbs is the
-> address that the sysop of that bbs chose.

Make mine "N6KUY.#FOO.QUUX.XYZZY"

Everybody please update your routing tables...

I think I'll draft an RFC proposing the same method of obtaining host names for the Internet...
It would be awfully convenient!

73 de Mike, ax.25net: N6KUY@W6JBT.#SOCA.CA.USA.NOAM
 amprnet: n6kuy@n6kuy.ampr.org [44.18.0.49]
 internet: mwestfal@csci.csusb.edu
 web: http://orion.csci.csusb.edu:8080
Linux: the Gates of Hell shall not prevail.
GCS/M { -d+ p+ c++ l u++ e+(*) m++(-) s/+ !n-(---) h-- !f g+ w+ t++ r-(--) y+ }

97. For Mike, KA3NVP, re: FBB files

From: lkenney@slip.net (Larry Kenney)
Date: Sat, 27 Jan 1996 02:05:21 -0800
To: bbssig@tapr.org
Message-ID: <199601271005.CAA13757@slip-1.slip.net>
Rendered body type: text/plain

Hi Mike...

You'll need to send me your e-mail address if you want me to send the FBB files to you. You didn't include it in your message. The files are much too long to send via packet.

Please respond direct: lkenney@slip.net

This same request goes to any others wanting the FBB ENGLISH.TXT and ENGLISH.HLP files. Please contact me direct rather than via the server, and make sure you include your e-mail address. Thanks.

73, Larry, WB9LOZ

98. Re: [BBSSIG:2212] Re: 2/4 letters

From: Larry Shotwell <pony@bright.net>
Date: Sat, 27 Jan 1996 12:28:24 -0500
To: bbssig@tapr.org
Message-ID: <199601271728.MAA05433@brutus.bright.net>
Rendered body type: text/plain

At 12:16 AM 1/27/96 -0600, you wrote:
>In a former treatise, Larry Shotwell spake thusly:
>

```

>->
>-> My interpretation of the "real address" for any particular bbs is the
>-> address that the sysop of that bbs chose.
>
>Make mine "N6KUY.#F00.QUUX.XYZZY"
>
>Everybody please update your routing tables...
>
>I think I'll draft an RFC proposing the same method of obtaining host names
>for the Internet...
>It would be awfully convenient!
>
>-----
>73 de Mike,      ax.25net:    N6KUY@W6JBT.#SOCA.CA.USA.NOAM
>                  amprnet:    n6kuy@n6kuy.ampr.org [44.18.0.49]
>                  internet:   mwestfal@csci.csusb.edu
>                  web:        http://orion.csci.csusb.edu:8080
>Linux: the Gates of Hell shall not prevail.
>GCS/M { -d+ p+ c++ l u++ e+(*) m++(-) s/+ !n-(---) h-- !f g+ w+ t++ r-(-- ) y+ }
>-----
>
>
>

```

Mike, feel free to use "N6KUY.#F00.QUUX.XYZZY" for your address. I doubt you will get your mail since that is not an established route. NA and all the other 2 character continent codes ARE established routes. How can you argue that if I use .NA that is not a valid "real" address. People will naturally pick addresses that work so that they will receive thier mail. You dont need to make them do this since the incentive is already there to get thier mail. Again you have not addressed why 4 character codes are better than 2 character codes. All you have addressed is why using addresses that are not commonly accepted will cause problems. Both 2 character and 4 character continent codes are generally accepted. Again I ask why are 4 character codes better than 2 character codes?

Do you expect me to change "just because"? Isn't it customary to have logical reasons? Larry

99. Re: [BBSSIG:2214] Re: 2/4 letters

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Sun, 28 Jan 1996 02:37:15 +0000
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960128023715.00667e48@midusa.net>
Rendered body type: text/plain

```

>Do you expect me to change "just because"? Isn't it customary to have
>logical reasons? Larry
>
>
>"Just because" was the reason we ended up with 2 letter continental codes.
Why is it that that "reason" isn't good enough now? If it truly is not,
then why the strong protest against the 4 letter codes?
Jim Brooks      jbrooks@midusa.net
Hays, KS        K0JJV@K0JJV.#NWKS.KS.USA.NOAM

```

100. Re: [BBSSIG:2215] Re: 2/4 letters

From: Larry Shotwell <pony@bright.net>
Date: Sun, 28 Jan 1996 10:35:10 -0500
To: bbssig@tapr.org
Message-ID: <199601281535.KAA01676@brutus.bright.net>
Rendered body type: text/plain

```

At 08:43 PM 1/27/96 -0600, you wrote:
>
>>Do you expect me to change "just because"? Isn't it customary to have
>>logical reasons? Larry
>>
>>
>"Just because" was the reason we ended up with 2 letter continental codes.
>Why is it that that "reason" isn't good enough now? If it truly is not,
>then why the strong protest against the 4 letter codes?
>Jim Brooks      jbrooks@midusa.net
>Hays, KS        K0JJV@K0JJV.#NWKS.KS.USA.NOAM
>
>
>
Last time there was not a pr-existing system that was working. This time
there is. When you want to change a pr-existing system that works you need

```


a reason.
This was yet another question. How about some information. I see a common theme here. No answers and no information just more questions to try and avoid the big question of "WHY". Everyone who asks why either gets personal attacks or criticism. It is a valid question that still has no answer! Larry

101. Re: [BBSSIG:2216] Re: 2/4 letters

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Sun, 28 Jan 1996 22:47:29 +0000
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960128224729.00673548@midusa.net>
Rendered body type: text/plain

At 09:50 AM 1/28/96 -0600, you wrote:
>At 08:43 PM 1/27/96 -0600, you wrote:
>>
>>>Do you expect me to change "just because"? Isn't it customary to have
>>>logical reasons? Larry
>>>
>>>
>>"Just because" was the reason we ended up with 2 letter continental codes.
>>Why is it that that "reason" isn't good enough now? If it truly is not,
>>then why the strong protest against the 4 letter codes?
>>Jim Brooks jbrooks@midusa.net
>>Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM
>>
>>
>>
>Last time there was not a pr-existing system that was working. This time
>there is. When you want to change a pr-existing system that works you need
>a reason.
>This was yet another question. How about some information. I see a common
>theme here. No answers and no information just more questions to try and
>avoid the big question of "WHY". Everyone who asks why either gets personal
>attacks or criticism. It is a valid question that still has no answer!
Larry
>
>
Perhaps those of us who have been watching this are getting a little tired of the issue coming around and around and around. This is at least the second time it's been debated in the last two years. I realize there is a rule in Amateur radio: "The only correct opinion is mine!", but this is getting old.
Jim Brooks jbrooks@midusa.net
Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

102. Re: [BBSSIG:2193] Re: 2 / 4 letter continents

From: bewwhite@ibm.net
Date: Thu, 25 Jan 96 11:04:50 +1200
To: bbssig@tapr.org
Message-ID: <9601251906.AA0011@localhost>
Rendered body type: text/plain

ISO 3166 ????? The continent codes we use are the same as ISO 3166. The country codes also comply with ISO 3166.
73
Barry White
bewwhite@ibm.net
VK2AAB @ VK2WI.NSW.AUS.OC

103. An xNOS warning.....

From: "Brian A. Lantz" <brian@lantz.com>
Date: Sun, 28 Jan 1996 23:01:02 -0500 (EST)
To: NOS BBS Mailing List <nos-bbs@hydra.carleton.ca>
Cc: TNOS Topics Mailing List <tnos-topics@lantz.com>,
TAPR BBSSIG Mailing List <bbssig@tapr.org>
Message-ID: <Pine.LNX.3.91.960128222036.3547C-100000@lantz.com>
Rendered body type: text/plain

I just had a message attempted to be forwarded into my system, with a TO address of 'B\$@ALLUS'....

This WILL NOT be parsed correctly by JNOS/TNOS or any other xNOS's! The command line:

SB B\$@ALLUS <CALLSIGN \$BID

or

SB B\$ @ ALLUS < CALLSIGN \$BID

will be parsed to be to 'B' with a BID of '@ALLUS' (or blank in the second example), no HOST BBS portion, and no originating CALLSIGN.

While my FIRST impression was that the '\$' was an illegal character in a 'TO' address, after consulting the BBS Authors SPEC, the only characters invalid for names are '@' and '.'.

Whether I agree with this or not, it DOES require altering the xNOS mbx_to() function to allow those characters, as long as they are to be permitted in the SPEC...

Currently, mbx_to() acts as a state machine, using '@', '<' and '\$' to change states, and does not allow you to go BACK in states, to previous states. It goes from USER state ('to' user) to HOST state (bbs or flood zone), to FROM state ('from' user) to MSGID state (bid).

To correct this problem, in mbx_to() in mailbox.c (mboxmail.c in later JNOS's), remove or comment out the cases for '<' and '@' in states IN_USER, IN_HOST, and IN_FROM.

DO NOT alter the LOOK_FOR_USER, AFTER_USER, LOOK_FOR_HOST, AFTER_HOST, LOOK_FOR_FROM, AFTER_FROM, LOOK_FOR_MSGID, or IN_MSGID states!

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:

```
while (memory_available) {
    eat_major_portion_of_memory (no_real_reason);
    if (feel_like_it)
        make_user_THINK (this_is_an_OS);
    gates_bank_balance++;
}
```

104. Re: [BBSSIG:2219] An xNOS warning.....

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 29 Jan 1996 05:04:11 -0700
To: bbssig@tapr.org
Message-ID: <199601291204.FAA08852@acca.nmsu.edu>
Rendered body type: text/plain

At 10:09 PM 1/28/96 -0600, you wrote:
>I just had a message attempted to be forwarded into my system, with a TO
>address of 'B\$@ALLUS'....
>
>This WILL NOT be parsed correctly by JNOS/TNOS or any other xNOS's! The
>command line:

That message is parsed right by the FBB server. It is stuck in a place to die and the sysop gets a message saying unknown address...:-)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

105. Packet BBS address problem

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 29 Jan 1996 05:12:01 -0700
To: bbssig@tapr.org
Message-ID: <199601291212.FAA08911@acca.nmsu.edu>
Rendered body type: text/plain

I decided this needed to be said again. It seems that mail still comes in on packet to sysop and this sig about "new" continent and other designators. It is all so much silly ignorance being shown by grown men. So her it is:

Two things are clear. The TAPR listing of new or even old continent designators are incomplete and have many errors, and the reason(s) for changing NA to NOAM are stupid. Reading all the input from Hams in other countries convinces me that TAPR must withdraw it's current DRAFT recommendation and work toward one that has input from Hams in Europe and Africa and Asia and

All this flailing around (thank you Howard) is due to ignorance. I have no idea what the address is for Zambia, and I bet a buck only a satellite BBS operator MIGHT know this. So how can you or I tell a Ham in

Zambia what to use as a packet address?

So lets either mount a data gathering effort or just drop this subject. It will be a long project if we gather data. For example who's data do we use? How do you verify that the data you get is what is in use?

And stop trying to sell everyone on a 4 digit continent designator. We have proven that 4 digits work, and for many years proven that 2 digits work. I suggest that when a group decides to do this job, they consider using between 2 and 4 digits. Use 2 if there is no conflict or 3 if that will do it, or 4 if it adds useful information.

Also we English speaking Hams are very arrogant. We make the designators make sense to people who read English. What about those who speak French? How about the asian Hams? I say let the Hams in Zambia decide what they want and use it.

The k5di bbs changed back to k5di.cruces.nm.usa.na since it has been .noam to honor Hank W0RLI for over a year. Now it's again .na because I think that is best. And it IS my bbs...

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

106. Re: [BBSSIG:2221] Packet BBS address problem

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 29 Jan 1996 08:53:51 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960129085307.10837P-100000@lantz.com>
Rendered body type: text/plain

On Mon, 29 Jan 1996, Karl F. Larsen wrote:

> The k5di bbs changed back to k5di.cruces.nm.usa.na since it has been
> .noam to honor Hank W0RLI for over a year. Now it's again .na because I
> think that is best. And it IS my bbs...

We got it all the FIRST time, Karl. Let it rest. You don't see the need for a clear addressing standard. You've made that clear.....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

107. More on 2/4 letters

From: ANDREW SELLERS <G8TZJ@lancaster.ac.uk>
Date: Mon, 29 Jan 96 14:21:30 GMT
To: bbssig@tapr.org
Message-ID: <25707.9601291421@cent1.lancs.ac.uk>
Rendered body type: text/plain

--

>From: Hank Oredson <Hank_Oredson@mentorg.com>

>The question I posed was "WHY do you use EU", not "DO you use EU"
>or "WHAT address do you use".

>Please someone out there point me to the authority, other than
>myself, for the use of EU. Reference something that occurred PRIOR
>to February, 1987 or reference some actual STANDARDS ORGANIZATION
>DOCUMENT to support your claim.

Well what better authority to point to than yourself! As you say you created them, they helped forwarding a great deal back then and so they were accepted and became the de-facto standard. The 2 letter codes may not be cast in stone; (except)

>From: rsbaker@dove.mtx.net.au (Rodney S Baker)
>I believe Barry VK2AAB has already mentioned (more than once) that the
>current 2-letter continent designators comply with ISO 3166 which

>allows for both 2 and 3 letter continent designators.

but because they HAVE been in use for such a long time they are the
ACCEPTED standard, even if they have not been written down somewhere.
>From my view point as a satgate 4 letter codes would NOT help and may
even add more complications to the forward files.

>When you reply to this, quote the entire message, including the
>following statement:

Opps too late, I've already chopped some earlier lines.

>"I recant EU and suggest EURO."

Oh I see its "Sorry guys, I was wrong in 1987 and now I have changed my
mind." Too late methinks.

In all this debate about 4 letter codes enabling a better delivery of mail
nobody has YET sent me an example of mail that they have had a problem
delivering.

Is this purely a problem with HF gateways having only a limited set of
forwarding partners and hence unable to accurately forward mail to any
particular region ?

The reason I ask this is because as I am a satgate, I have access to more
than 30 forwarding partners worldwide and the forward files are written
using a mix of *.xxx.xx codes (ie country and continent) to ensure that we
can deliver the mail to the best satgate. 4 letter codes would not help
satgates one bit as the use of country codes becomes necessary due to the
overlapping "service" areas of some satgates.

Please send examples of where forwarding with 2 letter codes breaks down
and 4 letter codes would improve the situation. Simple phrases like "It would
help in more accurate routing" are too broad WITHOUT giving examples.

If we can see REAL examples, it may help in understanding the problems some
sysops seem to face in routing mail and why 4 letters are the answer to
their problems.

73 Andrew G8TZJ

108. Re: [BBSSIG:2220] Re: An xNOS warning.....

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 29 Jan 1996 11:06:23 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960129110539.10837X-100000@lantz.com>
Rendered body type: text/plain

On Mon, 29 Jan 1996, Karl F. Larsen wrote:

> At 10:09 PM 1/28/96 -0600, you wrote:
> >I just had a message attempted to be forwarded into my system, with a TO
> >address of 'B\$@ALLUS'....
> >
> >This WILL NOT be parsed correctly by JNOS/TNOS or any other xNOS's! The
> >command line:
> >
> That message is parsed right by the FBB server. It is stuck in a
> place to die and the sysop gets a message saying unknown address...:-)

IF that is how your FBB is configured. The message I wrote about CAME
FROM an FBB system, and PASSED THROUGH 6 FBB systems prior to that.....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

109. Re: [BBSSIG:2220] Re: An xNOS warning.....

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 29 Jan 1996 11:09:38 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960129110744.10837Y-100000@lantz.com>
Rendered body type: text/plain

On Mon, 29 Jan 1996, Karl F. Larsen wrote:

```
> At 10:09 PM 1/28/96 -0600, you wrote:
> >I just had a message attempted to be forwarded into my system, with a TO
> >address of 'B$@ALLUS'....
> >
> >This WILL NOT be parsed correctly by JNOS/TNOS or any other xNOS's! The
> >command line:
> >
> >         That message is parsed right by the FBB server. It is stuck in a
> > place to die and the sysop gets a message saying unknown address...:-)
```

You don't get the point I was trying to make, though....

The '\$' character is a VALID CHARACTER in the PBBS Authors SPEC, as is
'<'....

To meet the SPEC, we MUST allow them in names, otherwise the Authors need
to change the SPEC in regards to what IS a valid character in a name.....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

110. Re: [BBSSIG:2211] Re: 2/4 letters

From: saltair@hargray.com (George Salinas)
Date: Mon, 29 Jan 1996 11:39:45 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <199601291639.LAA17200@fern.hargray.com>
Rendered body type: text/plain

```
>
>answer the question. If you dont want to tell us why then we can only
>assume that there really is no reason. Answering a question with another
>question is just another way of saying I don't want to answer the question.
>
>Lets discuss benefits of each of the 2 systems not if they are "official
>standards" or not. As of now the bulk of the well thought out viewpoints
>point to 2 character codes being the more logical choice. For now 2 character
>continental code of NA is the "real" address at this bbs. If this bothers
>you and you want me to change then it is up to you to proove your viewpoint
>to me not me to proove my viewpoint to you since it is you who want me to
>change.
>
>Larry
>
>
>
```

This issue is like a tick on a coon hunting dog. Hard to get off (of).I've
yet to hear a good reason as to why the change should be made. I've read a
lot of huffing and puffing but no good reason. NA works. leave it alone.
Until I read of a good reason to change, NA remains the "real" address at
this bbs also.

73 George.

111. Re: [BBSSIG:2216] Re: 2/4 letters

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 29 Jan 1996 13:44:21 -0800
To: bbssig@tapr.org
Message-ID: <199601292150.NAA06738@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 09:50 AM 1/28/96 -0600, you wrote:
>At 08:43 PM 1/27/96 -0600, you wrote:

>>
 >>>Do you expect me to change "just because"? Isn't it customary to have
 >>>logical reasons? Larry
 >>>
 >>>
 >>"Just because" was the reason we ended up with 2 letter continental codes.
 >>Why is it that that "reason" isn't good enough now? If it truly is not,
 >>then why the strong protest against the 4 letter codes?
 >>Jim Brooks jbrooks@midusa.net
 >>Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM
 >>
 >>
 >>
 >Last time there was not a pr-existing system that was working. This time
 >there is. When you want to change a pr-existing system that works you need
 >a reason.

There was indeed a pre-existing system! It used callsigns, and ONLY
 callsigns, and it worked just fine. Your routing lists got a bit large,
 but that was no big deal.

>This was yet another question. How about some information. I see a common
 >theme here. No answers and no information just more questions to try and
 >avoid the big question of "WHY". Everyone who asks why either gets personal
 >attacks or criticism. It is a valid question that still has no answer!
 Larry
 The issue is not CHANGE, but CHOICE. We have two systems.
 Choose one, abandon the other.

Hank Oredson @ Mentor Graphics Library Operations
 Internet : hank_oredson@mentorg.com "Parts 'R Us!"
 Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

112. Re: [BBSSIG:2226] Re: 2/4 letters

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
 Date: Mon, 29 Jan 1996 13:44:20 -0800
 To: bbssig@tapr.org
 Message-ID: <199601292150.NAA06732@em-wv03.wv.mentorg.com>
 Rendered body type: text/plain

>This issue is like a tick on a coon hunting dog. Hard to get off (of).I've
 >yet to hear a good reason as to why the change should be made. I've read a
 >lot of huffing and puffing but no good reason. NA works. leave it alone.
 >Until I read of a good reason to change, NA remains the "real" address at
 >this bbs also.

The issue, as everyone seems to have forgotten, is not to CHANGE,
 but to CHOOSE. We have two standards in use now. Let's CHOOSE
 one of them, and ABANDON the other. Don't care which. Just do it.

Hank Oredson @ Mentor Graphics Library Operations
 Internet : hank_oredson@mentorg.com "Parts 'R Us!"
 Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

113. Re: [BBSSIG:2218] Re: 2 / 4 letter continents

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
 Date: Mon, 29 Jan 1996 13:44:23 -0800
 To: bbssig@tapr.org
 Message-ID: <199601292150.NAA06750@em-wv03.wv.mentorg.com>
 Rendered body type: text/plain

At 08:17 PM 1/28/96 -0600, you wrote:
 >ISO 3166 ????? The continent codes we use are the same as ISO 3166. The
 >country codes also comply with ISO 3166.

ISO 3166 does not mention continent codes.

Hank Oredson @ Mentor Graphics Library Operations
 Internet : hank_oredson@mentorg.com "Parts 'R Us!"
 Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

114. Re: [BBSSIG:2178] EURO

From: saltair@hargray.com (George Salinas)
 Date: Mon, 29 Jan 1996 22:55:56 -0500 (EST)

To: bbssig@tapr.org
Message-ID: <199601300355.WAA31971@fern.hargray.com>
Rendered body type: text/plain
>Re WA0RJT bulletin on Euro
>
>Do what you want in your country, but don't (as USA usually does), try to
>impose your will on the rest of the world.
>Who says the Americans know best ?, usually you are two years too late !
>Thank you for respecting other countries views.
>Chris Le Tissier
>E-mail chrislet@guernsey.net
>http://www.guernsey.net/~chrislet
>AX25 Packet GU4YMV@GB7GUR.#47.GBR.EU
>
>
>

I read Chris Le Tissier's email once and commented naw, He really doesn't mean it. I read again and decided he had a bad attitude.

Chris, was the United States Of America two years too late when we helped your country during WW II? Did we impose our will on your country when we were providing Special Intelligence to your Argentina bound forces?

I think you should reconsider the special relationship that this country and England have.

..

Lighten up. The EURO theme is a debate. It is your choice to choose.

73 George.

115. AEA TNC

From: harry@mascomnj.org
Date: Tue, 30 Jan 96 01:01:07 EST
To: bbssig@tapr.org
Message-ID: <9601300101.D3619Bm@mascomnj.org>
Rendered body type: text/plain

Could you please advise me wheere I can send my AEA PK80 and PK87 for repairs. Thank you for any information.

Harry Warren

116. Bulletin TO/Category problem...

From: lkenney@slip.net (Larry Kenney)
Date: Mon, 29 Jan 1996 23:41:09 -0800
To: bbssig@tapr.org
Message-ID: <199601300741.XAA29688@slip-1.slip.net>
Rendered body type: text/plain

The problem with B\$@ALLUS has been mentioned as a problem for any of the xNOS's. This and other TO/CATEGORY entries with non-alpha characters in them are also a problem for the REBBS software. REBBS's will reject the message as an error and then disconnect. I run FBB here and haven't seen a problem with them, but it sure backs up the forwarding to RE systems. Everytime the forwarding cycle begins it tries to send that same bulletin again, the RE system disconnects, and nothing gets forwarded.

73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net
San Francisco

117. Re: [BBSSIG:2232] Bulletin TO/Category problem...

From: Mike Fahmie <MPFahmie@lbl.gov>
Date: Tue, 30 Jan 1996 13:36:31 -0800
To: bbssig@tapr.org
Message-ID: <199601302137.NAA24732@mh1.lbl.gov>
Rendered body type: text/plain

Larry, WB9LOZ, wrote:

>The problem with B\$@ALLUS has been mentioned as a problem for any of
>the xNOS's. This and other TO/CATEGORY entries with non-alpha char-
>acters in them are also a problem for the REBBS software. REBBS's
>will reject the message as an error and then disconnect. I run FBB
>here and haven't seen a problem with them, but it sure backs up the

>forwarding to RE systems. Everytime the forwarding cycle begins it
>tries to send that same bulletin again, the RE system disconnects,
>and nothing gets forwarded.
>

I run AA4RE at N6EEG BBS and have experienced the effect that Larry has described. The sending station receives a disconnect in response to a proposal that includes a TO address with certain unusual characters. That very same message will be at the top of the list when the next forwarding session begins, and that session will similarly terminate. Only Sysop detection and intervention will break the lockup.

I have created a fix that works on AA4RE software by adding message 19B to MESSAGE.BB as follows;

```
: 19B
NO
REJECT -- Error in Address or Address Format
=>
```

The AA4RE BBS will still terminate the session, but, the next session will omit the offending message and allow subsequent messages to be forwarded. This fix has been in place for over a year and seems to work well. The only shortcoming (?) is that the offending message is not forwarded.

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

118. Re: [BBSSIG:2210] Re: 2/4 letters

From: bewwhite@ibm.net
Date: Mon, 29 Jan 96 13:47:28 +1200
To: bbssig@tapr.org
Message-ID: <9601292217.AA0019@localhost>
Rendered body type: text/plain

I can't find where I said that ISO 3066 had two and three letter CONTINENT codes.

I did say that it specified two letter continent codes and three letter country codes.

However Hank could well be correct when he said it doesn't specify continent codes at all.

The info I had was downloaded from a BBS a few years ago and I have just been back and read it carefully. It does not state that the ISO 3066 specifies continent codes but it does give the continent codes and refers to them as the ITU (International Telecommunications Union ?) code for continents.

So it appears that I was in error in stating that both the continent and country codes came from ISO 3066. However it would appear that there is some sort of official designation for continents. Perhaps those with access to such sources could inform us all.

There has been a suggestion for using the Maidenhead co-ordinates. They would certainly be accurate but perhaps more difficult to use.

No one has yet answered my query about the .#SA nonsense. Because New South Wales is pretty unique we do need the "#" bit but there seems to be literally dozens of states, provinces, oblats, counties, shires etc that clash with country and continent codes. Some of our states are so big that they have many subdivisions, eg Western Australia is about six times larger than Texas. Queensland is divided into about five #areas.

Surely this should have been fixed by now. I know, I know, get up & fix it myself ! That would mean writing another BBS program to fix a small problem. I should live that long !

73
Barry White
bewwhite@ibm.net
VK2AAB @ VK2WI.NSW.AUS.OC

119. Re: [BBSSIG:2222] Re: Packet BBS address problem

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 31 Jan 1996 06:47:56 -0700
To: bbssig@tapr.org
Message-ID: <199601311347.GAA29011@acca.nmsu.edu>
Rendered body type: text/plain

At 08:06 AM 1/29/96 -0600, you wrote:

>On Mon, 29 Jan 1996, Karl F. Larsen wrote:

>

>> The k5di bbs changed back to k5di.cruces.nm.usa.na since it has been
>> .noam to honor Hank W0RLI for over a year. Now it's again .na because I
>> think that is best. And it IS my bbs...

>

>We got it all the FIRST time, Karl. Let it rest. You don't see the need
>for a clear addressing standard. You've made that clear.....

>

What is clear is you don't read. I said in the message what we need
to do is ESTABLISH a standard. But it isn't good for a few guys in the USA
to set up some "standard" and then push it down the throats of sysops all
over the world.

Gather the data needed to do the job and then publish it for
everyone to have. Is that not clear?

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

120. [TAPR-SYS:350] TAPR.ORG UPdate (fwd)

From: Dave Wolf <wo5h@tapr.org>
Date: Wed, 31 Jan 1996 10:06:04 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199601311606.KAA11350@tapr.org>
Rendered body type: text/plain

Forwarded message:

> X-Mailer: ELM [version 2.4 PL25]

>

> Please forward to your SIGs as you see appropriate.

>

> Greg

>

>

> Forwarded message:

> >From wd5ivd Tue Jan 30 17:10:27 1996

> From: Greg Jones <wd5ivd@tapr.org>

> Message-Id: <199601302310.RAA24054@tapr.org>

> Subject: TAPR.ORG UPdate

> To: tapr-bb@tapr.org (TAPR-BB mailing)

> Date: Tue, 30 Jan 1996 17:10:25 -0600 (CST)

> Cc: wd5ivd@tapr.org (Greg Jones)

> X-Mailer: ELM [version 2.4 PL25]

> Content-Type: text

>

> TAPR.ORG system performance and DNS issues

>

>

> Several people have reported problems accessing TAPR.ORG over the past few
> weeks. We are aware of the problems and have been working on relocating the
> site to a faster connection for some months now. Currently TAPR.ORG sits at
> the end of an ISDN line. We hope to be moving to a T1 or faster connection
> shortly.

>

> TAPR.ORG has been a great success and is one reason for our current
> bottleneck in bandwidth. We apologize for any delays and connect problems
> you might have had and can only suggest you stick with it until we improve
> our operational network speed.

>

> To help decrease the current network load on TAPR.ORG, the APRS software
> library has been moved to: <ftp://aprs.rutgers.edu/pub/hamradio/aprs/>
> We would like to thank Keith and Mark Sproul for hosting the APRS software
> library at their site. This should help them manage the APRS library better
> and provide better access to all involved. Once the network issues have
> been resolved on TAPR.ORG we will begin to mirror the site.

>

> The IP address for the system was changed two weeks ago and if you have
> problems getting into the system using tapr.org by itself, you can always
> use ftp.tapr.org or sys1.tapr.org for access. The tapr.org issue should be
> cleared up in the coming days as DNS systems update.

>

> In addition, several things have been added in the past month to tapr.org
>
> Two new mailing lists:
> APRSwin APRS Windows
> SS Amateur Spread Spectrum
>
> Also, a new RealAudio section featuring Newsline, Ham Radio and More, and
> the RAIN report are under construction. Keep an eye out on the TAPR.ORG
> home page for a link to these shortly. As well as a TNC-95 page that
> details the alpha test of the TNC-95.
>
>
> If you have comments or suggestions about TAPR.ORG, please let us know.
>
>
> Cheers - Greg, WD5IVD
> President, TAPR
>
>

121. Re: [BBSSIG:2234] Re: 2/4 letters

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 31 Jan 1996 09:38:52 -0800
To: bbssig@tapr.org
Message-ID: <199601311745.JAA26586@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 06:45 AM 1/31/96 -0600, you wrote:
>I can't find where I said that ISO 3066 had two and three letter CONTINENT
>codes.
>
>I did say that it specified two letter continent codes and three letter
>country codes.
>
>However Hank could well be correct when he said it doesn't specify continent
>codes at all.

It doesn't specify continent codes at all.
It's ISO-3166

> So it appears that I was in error in stating that both the continent
>and country codes came from ISO 3066. However it would appear that there is
>some sort of official designation for continents. Perhaps those with access
>to such sources could inform us all.

There is no "official" designation for continents.
That's why I got to chose whatever I wanted.

>
>

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

122. RE: [BBSSIG:2236] [TAPR-SYS:350] TAPR.ORG UPdate (fwd)

From: mikeberg@willmar.com
Date: Wed, 31 Jan 96 19:01:39 PST
To: bbssig@tapr.org
Message-ID: <Chameleon.960131190434.mikeberg@willmar.com.willmar.com>
Rendered body type: text/plain

I've been trying for the past week to get unsubscribed from this Special
Interest Group without any luck. It's too much like the horn blowing
traffic on my BBS. Hopefully, one of the powers that be will read this and
get me unplugged.

Name: Mike Berg
E-mail: mikeberg@willmar.com (Mike Berg)
Ham Radio: N0QBH@N0QBH.#wcmn.mn.usa.noam
Date: 01/31/96
Time: 19:01:39

This message was sent by Chameleon

February 1996

Original source file: bbssig.9602

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9602

1. Re: Bulletin TO/Category problem...

From: Doug Fajardo <dfajardo@earthlink.net>
Date: Wed, 31 Jan 1996 23:32:49 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960131232619.1766A-100000@timeheart.def.org>
Rendered body type: text/plain

On Tue, 30 Jan 1996, Mike Fahmie wrote:

> Larry, WB9LOZ, wrote;
>
> >The problem with B\$@ALLUS has been mentioned as a problem for any of
> >the xNOS's.

< Stuff deleted for brevity>

> I run AA4RE at N6EEG BBS and have experienced the effect that Larry has
> described. The sending station receives a disconnect in response to a
> proposal that includes a TO address with certain unusual characters. That
> very same message will be at the top of the list when the next forwarding
> session begins, and that session will similarly terminate. Only Sysop
> detection and intervention will break the lockup.
>

AA4RE has a parameter in the parms.bb file to control the behavior upon receiving an error from a BBS - I think it is called "kill_user_bbs_on_error" and can be set "y" or "n". If set "y", it disconnects on errors from a bbs. If set no, it should try to continue the session.

*** Doug Fajardo, Wb6kny

2. Re: [BBSSIG:2235] Re: Packet BBS address problem

From: "Brian A. Lantz" <brian@lantz.com>
Date: Thu, 1 Feb 1996 09:08:14 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960201085130.7280F-100000@lantz.com>
Rendered body type: text/plain

On Wed, 31 Jan 1996, Karl F. Larsen wrote:

> What is clear is you don't read. I said in the message what we need
> to do is ESTABLISH a standard. But it isn't good for a few guys in the USA
> to set up some "standard" and then push it down the throats of sysops all
> over the world.

Karl, the original 'standard' was (in your words) pushed down the throats of sysops all over the world. The original 'standard' (and the original software that uses it) was developed by ONE MAN. Whether you, I, or anyone else LIKES it or not, the *STANDARD* is the *MAN*, WØRLI!

And if WØRLI *IS* the 'standard', and he says that 4 character is it, then the 'standard' changed. No discussion necessary, really.

You having an attitude about is just consistent for you, and expected...

>
> Gather the data needed to do the job and then publish it for
> everyone to have. Is that not clear?

This has already been done MANY times in the past 10 years. Is *this* not clear?

This is an OLD, trivial subject.

The sysop has no more business determining which continental designator he will use, than an individual does determining which zip code (postal code) he will use. The Postal Service TELLS him which to use. In this case, the postal service also dictates, but the equivalent is NOT the individual ham who runs a PBBS, it is the PBBS SOFTWARE authors.

A haddress without PBBS software is not used. There is NO purpose for it outside of a PBBS program. Several of the PBBS authors drafted the 'Proposal'. Many other PBBS authors (maybe all) have endorsed it, including

myself.

CAN you address other ways? Sure. But you may not be able to in later versions of the software products. You should not really HAVE a choice. It should be a no-brainer. Just like your address. No thought required, it can only be ONE thing.

As I've said, this is an OLD, tired, highly drawn out, beaten to death discussion.

Thanks again, Karl, for showing your attitude in public! You look so good in it.....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available)    {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

3. BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
Date: Fri, 02 Feb 1996 10:50:02 -0600
To: bbssig@tapr.org
Message-ID: <311240BA.7AD6@texoma.com>
Rendered body type: text/plain

I'd like to see windows-based client-server software which utilizes HTML documents for both the user and sysop's interface. I'm not talking about hooking up NetScape to a TCP/IP LAN.. I'm talking about AX25 BBS software.

By having a client-server pair, the client software can have a standard library of graphics for use with the server's documents. This keeps the server from having to send graphic files.

Lots of hams are interested in HTML editing, and this would be a fun way to include the use of HTML in packet radio, and give us a pretty slick, mouse-based user interface while only having to transmit ascii text.

How about it? Would it fly?

----- 73 DE Charles Brabham N5PVL -----
Packet : N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail : n5pvl@texoma.com
HomePage : <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

4. twitch twitch

From: Paul Kearney <ei7gm@iol.ie>
Date: Sun, 4 Feb 1996 00:23:54 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960204002054.29235D-100000@joyce.iol.ie>
Rendered body type: text/plain

My fingers are getting itchy !
(sighs of disappointment from the multitudes)

Oh No ! He's back ! |-D

73 pk

5. Thoughts on the Hierarchical Routing Syntax Recommendation

From: Greg Jones <wd5ivd@tapr.org>
Date: Sun, 4 Feb 1996 19:50:54 -0600 (CST)
To: bbssig@tapr.org (BBS SIG mailing)
Message-ID: <199602050150.TAA26790@tapr.org>
Rendered body type: text/plain

Greetings.

After seeing the various messages fly back and forth regarding the recommendation on 'Hierarchical Routing Syntax' I thought an overview of the history and some important points might need to be made.

It is interesting to note that all the generation of messages regarding the issue deal with 29 lines of text and 4 associated tables.

In this message I'll hit the following items:

- * The summary one more time.
- * The reasons for the recommendation and a little history on the issue regarding what happened when and hit a few personal comments on the subject

Item 1: The Summary. For those of you who haven't seen what this is all about --

Hierarchical Routing Syntax Summary

This summary uses a modified Backus-Naur form to summarize the syntax for hierarchical addressing. [] = optional

@hierarchical_address
bbs.[#octothorpe.][region.]country.continent

bbs
valid callsign as defined by local communications authority

#octothorpe.
#area.[#octothorpe.]

#area
area as defined by the local region
See Table 4 for list of suggested area identifiers

region
2,3, or 4 character region identifier as defined by the country.
See Table 3 for suggested region identifiers

country
3 character country identifier as defined by ANSI X.12 and EDIFACT.
Published in ISO 3166-1981(E/F).
See Table 2 for country identifiers

continent
4 character continental identifier.
See Table 1 for suggested continental identifiers.

Item 2. The reasons behind this and a little history at the same time (from a third person view) and a few personal comments.

As TAPR President, let me see if I can correctly recall what I believe has happened on this issues over the past few years.

There are really several issues relevant to the recommendation being done. The first was the fact that there were two recommendations/standards that had been developed and the BBS SIG felt they should be restated as a new recommendation. These were:

Jenkins, Lew (N6VV), Dave Toth (VE3GYQ), and Hank Oredson (W0RLI).
International Routing Designators. Proceedings of the ARRL 7th Computer Networking Conference. Columbia Maryland. October 1, 1988. pp. 91-93.

and

Clark, Tom (W3IWI). Some comments on the 'H'ierarchical Continent Address Designator. Proceedings of the ARRL 9th Computer Networking Conference. London, Ontario Canada. September 22, 1990. pp. 278-279.

The Jenkins, N6VV, Toth, VE3GYQ, and Oredson, W0RLI, paper introduced the concept of International Routing Designators. If memory serves me correctly -- Dave Toth received numerous flames during this period regarding the whole issue. While talking to Dave the other day about what is currently happening -- he reflected that it sounded about the same. Anyway -- The purpose was to setup a recommendation for x.3.2 routing. The only difference between it and the current recommendation is the continent code section. No real recommendation was made at that time for the continent code. Anyway, the authors stated "[We] hope that this paper will serve as a

starting place for improved message routing by means of implicit routing." After this paper, several of the major BBS system implemented this specification and it has been adopted as the standard.

The Clark, W3IWI, paper starts with the following statement "At the risk of opening Pandora's Box, this paper suggests a change in the 2-character continent designator..." As can be seen in this paper, the recommendation of using a 4 character continent designator can be traced back to 1990. Tom's purpose of this recommendation was based on the confusion between addressing and routing. Tom recommends that continent designators should be setup to help routing issues. Thus, you can have more continents than outlined in this paper and restated in the TAPR summary. Some of the confusion in the TAPR recommendation might have been listing the continent designators suggested in the Clark paper. There can be as many subcontinent as needed to help routing issues. Suggested was subdividing Oceania into smaller area to help routing or dividing other large continents to help in a similar manner. The purpose of using a 4 letter continent designator is to allow more combinations for these subdivisions as well as not being confused with the 2 letter country codes. As Tom states, "this scheme affords the logic of a 2-character field for the 'state', 3 character for the country, and 4 for the continent/subcontinent and avoids conflicts between state-sized areas and continents." In this fashion users don't get confused as to where they are sending mail and sysops can have better control over routing for far away places. This is the paper that also suggests that a future 5 character world designators might be needed in the future for .EARTH and .VENUS. :-) Anyway, what Tom proposes is something that is straight forward and simple.

Where does this leave the TAPR BBS SIG in this matter. Dave Wolf, W05H, then chair of the BBS SIG proposed that the BBS SIG work on combing these two recommendations and proposing a new up to date work. After discussions at several national meetings and discussion on the list itself, Dave along with Barry Buelow, WA0RJT, Roy Engehausen, AA4RE, and Hank Oredson, W0RLI wrote up the current recommendation summary. The purpose of restating the older recommendation was that 1) the BBS SIG needed an issue to focus on -- this one was thought to be one of the few that the SIG could agree on was important and could agree in a consensus fashion on how to be changed, 2) the older recommendations needed to be restated and endorsed by TAPR and the BBS SIG -- Dave and myself felt this was a good point in which to start the SIG down the road of working on meaningful recommendations, and 3) it was felt that this might be an issue to get done and be a good first successful recommendation.

Based on these three items, the committee, chair, and SIG then sent out the summary. As an additional note, the tables were added as a reference to the summary to illustrate what was proposed in the recommendation. The tables are only what the group saw as being current at the time. TAPR had no wish to be the definer or keeper of this list. It was always assumed that the BBS sysops world wide would define this list. It seems to be that much of the debate over the last few months has been around the tables and not the recommendation itself. Anyway, the summary was posted to packet (August 94), posted to the list (August 94), posted to the USENET groups (August 94), printed in the PSR (issue #56 fall 1994, p14), sent out to all BBS sysops TAPR had mail addresses for (Fall 1994), printed in the 1995 TAPR Proceedings (March 95), and then printed in the 1995 ARRL Digital Communications Conference Proceedings (Sept 1995).

There was no real out cry until the last 2 months -- interestingly enough.

Now did we do a good job getting this out internationally ? Upon reflection, not as good as it could have been done. However, you have to start someplace and no one else had tried anything like this before. So -- we started. The group felt that you had to start - thus it began. I have always felt that it is better to do things and attempt to make a positive contribution than to spend countless hours worrying about the problems of submitting something. It is better to be doing something and taking the arrows then sitting around thinking about the negatives. I have talked to Dave Wolf and Barry Buelow in detail about this and I can be blamed as much as anyone as to the method we used for this. I know that Barry is now working on methodology to improve the proposal process on an international level. I look forward to reviewing this process when it is presented to the TAPR Board of Directors.

Barry Buelow, WA0RJT, the current SIG chair, and Hank Oredson, W0RLI, have taken a lot of heat for what the BBS SIG is responsible for. I can understand why these individuals would be focused on, but again, many of the comments I have seen on the subject have not had alternative solutions, but only critical responses. I'll discuss solution to this below.

This now leaves the question on where we are at now. I have talked to Barry several times about this matter and want to share some of my views on it. There is a theory in my current PhD work that goes "learning does not occur until you have two elements: 1) someones attention and 2) their motivation." Based on the comments I have seen we now have attention and motivation of sysops around the world. It is now time to leverage this into something more substantial than name calling or 'my recommendation is better than your recommendation (in a PC system comparison) debates'.

As I see it, TAPR has a recommendation. We will continue to publish it and state it as a recommendation for a Hierarchical Routing standard. The BBS SIG worked it up, announced it, took comments for over a year on it, and then proposed it to the TAPR board who when approved it. Until such time that the SIG approaches the TAPR Board of Directors with a recommendation to pull it, I as president will support the work of the BBS SIG. Will this get people upset. Most likely and from the responses thus far -- for sure. We understood from the beginning that publishing recommendations on things would generate a certain amount of negative response in making the effort. We felt that publishing well founded recommendations were more important to the growth of the organization over time and that this amount of negative effect would eventually become positive (like years).

Now several people have asked why the recommendation. I think I have outlined some of the issues above, but let me do it again. Also, let me tackle a few of the misconceptions.

1. x.3.4 is easy to use, explain to people, and should be the standard based on previous publications and recommendations by a majority of the BBS software authors them self.

2. x.3.4 almost ensures that no conflicts between country codes and continent codes can occur by duplicating character sequences in the routing fields.

3. country codes are defined by ANSI X.12 and EDIFACT. Published in ISO 3166-1981(E/F).

4. The continent code is defined by the continent in question to help routing issues. The summary table 1 only lists suggestions which were purposed in 1990. TAPR does not wish or want to be the definer or keeper of the continent list. Regional groups within the continent and BBS sysops world wide keep this list not one organization. Has the concern been over the fact that sysop felt that TAPR would define these or that a 4 character continent code does not work ? If it is only the first part, then the recommendation should be accepted world wide.

5. The reason to have 'x' in the x.2.4 is because there is no standard in stating the region name. The reason Clark defined 2 was based on US states, but regions can not be limited to 2 characters, although keeping them short helps users. Please don't forget that characters include numeric characters, thus a region can contain numbers as is done in several area of the world. However, at some point these numeric numbering schemes need to be documented and presented to everyone so that understanding routing within a region.

6. There was already an existing debate about NA and NOAM in the US. While this is US specific, TAPR after reviewing the issue, took NOAM and the x.3.4 recommendation as the result. The TAPR BBS SIG felt that defining the 4 letter continent code was a benefit as stated above.

7. Some people feel that the addition of 2 characters generates undue overhead. Overhead in headers is a separate issue from the recommendation, although tied closely with it. It was suggested that with the current rules in many countries (including the US) that only the last BBS header was required for forwarding issues and others could either be reduced to some smaller overhead line or removed. If a sysop is worried about several characters of overhead generated by a 4 letter continent code, then there is a more serious physical layer problem to be worked on.

8. I am sure I missed some important ones, but I'll leave that for replies.

Where does this leave the BBS SIG and TAPR ?
The SIG should either

1. Let the issue rest, like the FCC, for several years and then revisit it. Focus on new items and issues like server/clients models (IMAP, etc). Issue in working towards getting users up faster (i.e. BBS sysops becoming leaders in networking and other user issues in their areas). etc.

2. Work towards defining a method of setting international standards. This is going to be very interesting, but I believe could be done. Still not everyone is going to be happy with the results, because BBS sysops are very independent and strong willed people. Anyway -- I would encourage any attempts in trying to develop a way for things to happen on an international level.

3. Some other direction I have not mentioned or thought of here.

In conclusion, I hope some of this message has helped explain at least what I see as important.

I will look forward to what Barry reports in the future about items regarding the TAPR BBS SIG.

Cheers - Greg, WD5IVD
President, TAPR

6. Emergency Communications Plans

From: Bill Vodall <vodall@bigsky.dillon.mt.us>
Date: Mon, 5 Feb 1996 01:09:49 -0700 (MST)
To: BBSSIG TAPR <bbssig@tapr.org>
Message-ID: <m0tjLz1-0002moC@mtewe.kevin.mt.us>
Rendered body type: text/plain

The Montana Department of Emergency Services is having a test/drill this week. Packet radio will be a part of the exercise.

The current emergency plan only details keyboarding into the DES center to enter a note and disconnect.

I'm suggesting quite vigorously that we've built a fairly decent automated message traffic forwarding system and it makes far more sense using it than to have everybody doing the node-hoping and keyboarding.

My suggestions are being listened to - but more info and planning is needed.

Little details are mentioned like: how do we disable the routine traffic for the duration of the test? The sysops won't always be there to push the necessary buttons.

What about the times when a message needs to be delivered right away? Our current system runs on 1 hour forwarding cycles. That isn't adequate. We need to have some way to crank it up during the tests. (And probably the rest of the time as well... I'm aware that Oregon uses 10 minutes...)

So, for the group, are there any existing plans or documents developed in other areas detailing the use of automatic BBS systems in emergency conditions that we could look at for ideas.

Many thanks...
Bill

--

Bill Vodall Box 75 Kevin, Mt 59454 1-406-337-2222
Reply-To: vodall@bigsky.dillon.mt.us
Amateur Packet: wa7nwp@wa7nwp.ncmt.mt.usa.noam

7. Re: [BBSSIG:2241] BBS Software Wish List:

From: bewwhite@ibm.net
Date: Wed, 07 Feb 96 13:19:04 +1100
To: bbssig@tapr.org
Message-ID: <9602072120.AA0014@localhost>
Rendered body type: text/plain

What a good idea !!!!

Have you put your HTML idea directly to the BBS authors ?

Barry White
bewwhite@ibm.net

8. Re: [BBSSIG:2245] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
 Date: Wed, 7 Feb 1996 08:03:55 -0500 (EST)
 To: bbssig@tapr.org
 Message-ID: <Pine.LNX.3.91.960207080324.14697C-100000@lantz.com>
 Rendered body type: text/plain

On Tue, 6 Feb 1996 bewhite@ibm.net wrote:

> What a good idea !!!!
 >
 > Have you put your HTML idea directly to the BBS authors ?

I'm already starting to 'play' with the idea of an HTML front end for TNOS.

 Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available)    {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

9. Re: [BBSSIG:2245] Re: BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
 Date: Wed, 07 Feb 1996 07:54:15 -0600
 To: bbssig@tapr.org
 Message-ID: <3118AF07.70FD@texoma.com>
 Rendered body type: text/plain

bewhite@ibm.net wrote:
 >
 > What a good idea !!!!
 >
 > Have you put your HTML idea directly to the BBS authors ?
 >

I haven't thought it through well enough yet to decide whether it's really a good idea or not.. It sure sounds like fun to me, but then again it's been pointed out that creating a standard for such a thing would be difficult.

I threw it in here, hoping a few guys would kick it around and point out the pro's and cons, but so far have only seen a couple of replies.. It may be that there's just not much interest in the idea, or that there are difficulties associated with it which whizzed right over my head.

In FBB, it would be easy to create an HTML "language" option, just as is done with ANSI graphics, but what sort of terminal program could take advantage of it?

This is one of those deals which requires a fairly serious programming effort, so unless it looks REAL GOOD and a high demand develops for it, it'll never fly.

If a programmer is interested: An HTML-based packet terminal program which can display incoming HTML would be an great start.

One new, fun aspect of HTML on packet would be that every packet op could have his own homepage. I would expect this to encourage hams to have more fun and be more creative about thier personal stations. We can offer special files and services on our personal stations now, but few do so. The advent of the packet "homepage" might help us get past that.

----- 73 DE Charles Brabham N5PVL -----
 Packet : N5PVL @ N5PVL.#NTX.TX.USA.NOAM
 E-Mail : n5pvl@texoma.com
 HomePage : <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

10. Features in SID ?

From: ferracci@imaginet.fr (Laurent Ferracci - F1JKJ)
 Date: Thu, 08 Feb 1996 16:22:53 GMT
 To: bbssig@tapr.org
 Cc: hank_oredson@mentorg.com, enge@almaden.ibm.com, bob@arasmith.com
 Message-ID: <311a218d.94086@mail.imagnet.fr>
 Rendered body type: text/plain

Hello,

I was recently wondering about the meaning of some of the letters in a SID (you know: [FBB-1.15c-AB1FHMRX\$]).

I found a "feature" list (each letter stands for a feature) in a document named "BBS Interface Specification - Working draft - 11/28/93".

This document is really interesting, but unfortunately it seems too old to provide all the info i was looking for.

Does someone know how to get an updated version of this document ?

Thanks !

```
-- +-----+-----+-----+
-- | From Laurent FERRACCI, F1JKJ | > ferracci@imaginet.fr < |
-- | Montpellier, FRANCE | http://www.imagnet.fr/~ferracci |
-- +-----+-----+-----+
--
-- [ PGP key on public-key servers or homepage]
```

11. HTML and Packet

From: Charles Brabham <n5pvl@texoma.com>
Date: Thu, 08 Feb 1996 10:46:05 -0600
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960208164605.0067f094@texoma.com>
Rendered body type: text/plain

There may be a basic compatability problem associated with the use of HTML tags on packet.. HTML is just chock-full of the greater-than > character..

There's obviously some potential there for "Murphy" to do his work.. Is this something that can be allowed for, or is this a good time to shelve the idea and go on to something more "do-able"?

In order to be really useful, HTML for packet should be standard HTML. We could alter the HTML standard for packet use, but I believe that would be a real waste of time as it would defeat the educational aspect of HTML for packet. -- The chance to introduce another interesting and potentially profitable skill to the ham radio community. Standard HTML on packet would generate a lot of interest (new hams and new packet ops) and would be a nice addition to the "perks" of being a ham. I'll mention here that it would also be a LOT of fun, but it's not really necessary.. Everybody knows that!

I can see only one major departure from standard HTML practices which would be necessary for packet use, and that's related to the use of graphics.

As long as we just send HTML text with no attached graphic files, we won't see any serious problem with increased overhead and channel congestion. If we try to send graphics files constantly, it will be too slow to be useful and really hog up the frequency.

To get around this problem, I propose that we establish a standard list of packet HTML graphics file-names, something like this:

```
arrow.jpg  bullet.jpg  mymail.jpg  help.jpg  new.jpg  arrl.jpg
ares.jpg   races.jpg   backgrnd.jpg

amsat.jpg  news.jpg    sysop.jpg    confrnce.jpg  weather.jpg
files.jpg  gateway.jpg
```

and so on.. I'm not trying to SET the standard, just point out what might be there! The above listing is a hypothetical, spur-of-the-moment EXAMPLE, by the way...

The GRAPHICS don't have to be standardized, just thier FILE NAMES so that each station can maintain it's own library of standard graphics which any incoming HTML packet document can point to and use.

See how it would work? I hate to suggest something that's not standard HTML practice, but I don't see any way to get around it in this case. Suggestions?

Hams could and would send each other 7PLUS'ed graphic files of course, but with such a standardized list of graphic filenames we could conduct our everyday packet business without ever having to transmit binary data.

If Joe Ham wanted to use the "mymail" graphic button which he gets with his

term program he can, but on the other hand he could edit his copy of "mymail.jpg" to look like an armadillo or something and it would still work just fine. As long as we stick with the proposed standard filenames we could personalize things all we wanted to. Fun, huh?

We'd have a nice point 'n click graphical interface which would not present an unbearable load on our network, and add to the long list of educational benefits of being a ham..

That's worth looking into.

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail: n5pvl@texoma.com
Page: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

12. Re: [BBSSIG:2249] HTML and Packet

From: "Gwyn Reedy, W1BEL" <gwyn@paccomm.com>
Date: Thu, 8 Feb 1996 15:23:17 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960208152123.25813E-100000@paccomm>
Rendered body type: text/plain

On Thu, 8 Feb 1996, Charles Brabham wrote:

> To get around this problem, I propose that we establish a standard list of
> packet HTML graphics file-names, something like this:

Seems to be a useful non-HTML precedent in the APRS program where the SSID of a call sign or other tag causes a standard icon to be displayed. Works great!

Gwyn Reedy, W1BEL gwyn@paccomm.com W1BEL@amsat.org

PacComm Packet Radio Systems, Inc. +(813) 874-2980 Fax: +(813) 872-8696
4413 N. Hesperides St. BBS: +(813) 874-3078 (V.34)
Tampa, FL 33614-7618 USA info@paccomm.com <http://www.paccomm.com>

13. Re: [BBSSIG:2249] HTML and Packet

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Thu, 08 Feb 1996 14:18:36 -0800
To: bbssig@tapr.org
Message-ID: <9602082220.AA12829@em-wv03>
Rendered body type: text/plain

At 11:01 AM 2/8/96 -0600, you wrote:

>
> There may be a basic compatability problem associated with the use of HTML
> tags on packet.. HTML is just chock-full of the greater-than > character..

I've been using html on packet for about a year ... no problems at all.
It's just text files.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

14. Re: [BBSSIG:2248] Features in SID ?

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 8 Feb 1996 18:20:31 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199602090020.SAA05000@zeus.ia.net>
Rendered body type: text/plain

Laurent Ferracci - F1JKJ wrote:

>
> Hello,
>
> I was recently wondering about the meaning of some of the letters in a
> SID (you know: [FBB-1.15c-AB1FHM RX\$]).
>
> I found a "feature" list (each letter stands for a feature) in a
> document named "BBS Interface Specification - Working draft -
> 11/28/93".
>
> This document is really interesting, but unfortunately it seems too

> old to provide all the info i was looking for.

The BBS Spec was a good document and a lot of work went in to it. However, FBB has never been an active participant in the discussion group of authors. It was something of a predecessor to this BBSSIG, but not exactly.

So authors added features without always agreeing on the content of the SID. Some authors have observed and reverse engineered the SID elements, but I am not aware of a published document detailing the current FBB usage.

Roy or Hank care to add?

73 Barry

15. Re: [BBSSIG:2248] Features in SID ?

From: Roy <garlic@garlic.com>
Date: Thu, 08 Feb 1996 17:01:46 -0800
To: bbssig@tapr.org
Message-ID: <311A9CFA.FF6@garlic.com>
Rendered body type: text/plain

As far as I know, F6FBB has never documented his SID codes.

Roy

16. Re: [BBSSIG:2246] Re: BBS Software Wish List:

From: "hubert.riera" <7906t@haillan.sep-haillan.fr>
Date: Fri, 9 Feb 1996 09:36:12 +0100
To: bbssig@tapr.org
Message-ID: <9602090936.ZM3062@haillan.sep-haillan.fr>
Rendered body type: text/plain

On Feb 7, 7:11am, Brian A. Lantz wrote:
> Subject: [BBSSIG:2246] Re: BBS Software Wish List:
> On Tue, 6 Feb 1996 bewhite@ibm.net wrote:
>
> > What a good idea !!!!
> >
> > Have you put your HTML idea directly to the BBS authors ?
>
> I'm already starting to 'play' with the idea of an HTML front end for TNOS.
I hve doing it from here with an httpd on a Linux and an jnos witch work's
like a routeur but the probleme is to have a nice ax25 driver witch works
with windows . i have trying ax25ether driver but it can't go to an other net
and upper you can use a trumpet winsock compatible with Mosaic or Netscape.
But at 1200 bd it's too slow .
>
>
> -----
> Brian A. Lantz http://www.lantz.com brian@lantz.com
>
> REAL PORTION of Microsoft Windows code:
> while (memory_available) {
> eat_major_portion_of_memory (no_real_reason);
> if (feel_like_it)
> make_user_THINK (this_is_an_OS);
> gates_bank_balance++;
> }
>
>
>--- End of excerpt from Brian A. Lantz

17. Re: [BBSSIG:2254] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
Date: Fri, 9 Feb 1996 09:04:09 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960209085113.25068E-100000@lantz.com>
Rendered body type: text/plain

On Fri, 9 Feb 1996, hubert.riera wrote:

> On Feb 7, 7:11am, Brian A. Lantz wrote:
> > Subject: [BBSSIG:2246] Re: BBS Software Wish List:
> > On Tue, 6 Feb 1996 bewhite@ibm.net wrote:
> >
> > > What a good idea !!!!
> > >

```
> > > Have you put your HTML idea directly to the BBS authors ?
> >
> > I'm already starting to 'play' with the idea of an HTML front end for TNOS.
> I hve doing it from here with an httpd on a Linux and an jnos witch work's
> like a routeur but the probleme is to have a nice ax25 driver witch works
> with windows .
```

You missed my point (and Charles') completely....

You are using xNOS to route a traditional TCP/IP based http server over RF. SO! I've done that for about 3 1/2 years. Add a single route statement and you're done.

We were discussing HTML over non-IP. BBS's with a HTML front end, that are accessed with client programs that are written to do HTML over packet, without IP, using standard TNC's.

And Charles, in response to the concern over '<' characters. They are ONLY special when sent TO a PBBS and then only when a part of a valid 'S' command.

What I will be doing is to add another one of the SSID character [;-)] (except *I* document mine) that will indicate the ability to do HTML. If both have it, then the 'rules' change as far as what are valid commands from the client. At that point, only 'GET', 'HEAD', and 'POST' are valid commands, and the '<' has no special meaning.

As for standardizing gfx filename, no real need. The clients should be written such that they cache gfx and text files (like Netscape, etc.), and all requested for files should be conditional GET's, which only send the content of the file IF it has been changed since the client last received a copy.

Serves the SAME end goal, is already part of the HTTP spec, and very painless.

Phase one of my TNOS/HTML will be done (soon) still using IP, by simply making the TNOS/HTTP server (new) special case a URL to make it produce special 'on-the-fly' pages, allowing access to the TNOS BBS. Once that is complete, I will make the FEW required changes to the BBS to allow this to be done without IP.

I'll let everyone know when phase one is done, so you can try it out and comment....

This brings up one question I've been meaning to ask. When is the TAPR meeting this year, and where? I am planning on writing a paper on HTML BBS's, but need to have a timetable....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

18. BPQ with IP router + + +

From: "Rex H. Ishmael" <rishmael@halnet.com>
Date: Fri, 9 Feb 1996 08:44:57 -0600
To: bbssig@tapr.org
Message-ID: <199602091445.AB22381@interlock.halnet.com>
Rendered body type: text/plain

I need an elmer. I used to run BPQ but have been using MSYS for some time and have come up with several problems trying to get a BPQ system to work properly. I want to use the IP router and have everything working under DV but it is still locking up. If some one would give the time to contact me and we can list out the things

I am doing and and maybe you could see my mistakes...
Oh yea, I am trying to get it all to work with several other items..
NNA bbs, Clusse - cluster, Sams, Help, Sysoph,Iprouter, Pac4
not necessarily in that order but there seems to be a constant conflict
between some of the programs...
Contact me and we can exchange setup files and look for my loops
I have been on this one for several weeks and cant find the conflict.
Thanks... REX
=====
Rex Ishmael, Sr. Environmental Engineer, Halliburton Energy Services
E-Mail:rishmael@halnet.com (work)
E-Mail:rishmael@texhoma.net (home)
Amatuer Mail: WD0AJG@WD0AJG.#SCOK.OK.USA.NOAM
=====

19. Re: [BBSSIG:2253] Re: Features in SID ?

From: Paul Kearney <ei7gm@iol.ie>
Date: Fri, 9 Feb 1996 19:11:21 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960209190432.22052B-100000@joyce.iol.ie>
Rendered body type: text/plain

> As far as I know, F6FBB has never documented his SID codes.
>

Me thinks - True.

But someone did about 2 years ago in a bulletin that went @EU.

>From Memory (and therefore not official)

A = Supports ACK msgs (one header only in message regardless off fwdpath)
B = Supports Binary Compressed fwding.
1 = Supports resume-where-left-off fwding (515c).
F = FBB batch fwding of offer-lines
H = Supports HAddresses (?)
M = ??
R = Supports flip-flop fwding (?)
\$ = BID Support (?)

As I said , I could be wrong so dont take these 'as gospel'

73
paul

20. Re: [BBSSIG:2257] Re: Features in SID ?

From: Roy <garlic@garlic.com>
Date: Fri, 09 Feb 1996 13:16:57 -0800
To: bbssig@tapr.org
Message-ID: <311BB9C9.41C6@garlic.com>
Rendered body type: text/plain

Paul Kearney wrote:

>
> > As far as I know, F6FBB has never documented his SID codes.
> >
>
> Me thinks - True.
>
> But someone did about 2 years ago in a bulletin that went @EU.
>
> >From Memory (and therefore not official)
>
> A = Supports ACK msgs (one header only in message regardless off fwdpath)
> B = Supports Binary Compressed fwding.
> 1 = Supports resume-where-left-off fwding (515c).
> F = FBB batch fwding of offer-lines
> H = Supports HAddresses (?)
> M = ??
> R = Supports flip-flop fwding (?)
> \$ = BID Support (?)
>
> As I said , I could be wrong so dont take these 'as gospel'
>
> 73
> paul

Saying what they mean is not documenting them. You have say exactly

what the protocol is so it can be duplicated.

HMR\$ are all in the standard and fully documented.

Roy, AA4RE

21. Re: [BBSSIG:2258] Re: Features in SID ?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>

Date: Fri, 09 Feb 1996 14:22:19 -0800

To: bbssig@tapr.org

Message-ID: <9602092223.AA17123@em-wv03>

Rendered body type: text/plain

At 03:18 PM 2/9/96 -0600, you wrote:

>Paul Kearney wrote:

>>

>> > As far as I know, F6FBB has never documented his SID codes.

>> >

>>

>> Me thinks - True.

>>

>> But someone did about 2 years ago in a bulletin that went @EU.

>>

>> >From Memory (and therefore not official)

>>

>> A = Supports ACK msgs (one header only in message regardless off fwdpath)

>> B = Supports Binary Compressed fwding.

>> I = Supports resume-where-left-off fwding (515c).

>> F = FBB batch fwding of offer-lines

>> H = Supports HAddresses (?)

>> M = ??

>> R = Supports flip-flop fwding (?)

>> \$ = BID Support (?)

>>

>> As I said , I could be wrong so dont take these 'as gospel'

>>

>> 73

>> paul

>

>Saying what they mean is not documenting them. You have say exactly

>what the protocol is so it can be duplicated.

>

>HMR\$ are all in the standard and fully documented.

I added full documentation of "X" to the spec also.

Have never seen documentation for the "FBB specific" options.

Hank Oredson @ Mentor Graphics

Internet : hank_oredson@mentorg.com

Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

Library Operations

"Parts 'R Us!"

22. Re: [BBSSIG:2258] Re: Features in SID ?

From: K2ADJ@prodigy.com (MR RODNEY G FOWLER)

Date: Fri, 09 Feb 1996 18:08:28 EST

To: bbssig@tapr.org

Message-ID: <097.00774260.SLSC65A@prodigy.com>

Rendered body type: text/plain

I might like to add several other SID's to the listing plus add to the list already presented..

M = MID\$ supported

B = FBB Style of compressed forwarding

X = RLI (Xfwd'ng) style of compressed forwarding (Not in FBB as yet)

\$ = BID\$ Support

R = Supports reverse forwarding

73 de Rod (k2adj)

23. Re: [BBSSIG:2260] Re: Features in SID ?

From: Roy <garlic@garlic.com>

Date: Fri, 09 Feb 1996 17:44:52 -0800

To: bbssig@tapr.org

Message-ID: <311BF894.794B@garlic.com>

Rendered body type: text/plain

MR RODNEY G FOWLER wrote:

- >
- > I might like to add several other SID's to the listing plus add to the list
- > already presented..
- >
- > M = MID\$ supported
- > B = FBB Style of compressed forwarding
- > X = RLI (Xfwd'ng) style of compressed forwarding (Not in FBB as yet)
- > \$ = BID\$ Support
- > R = Supports reverse forwarding
- >
- > 73 de Rod (k2adj)

R is "Extended reject responses" (I wrote it).

There is also "S" for "Extended Send"

I also wrote a spec for user/BBS authentication via automatic means that is available.

Roy

24. Re: [BBSSIG:2260] Re: Features in SID ?

From: Dean R Madsen <dmadsen@iastate.edu>
 Date: Fri, 09 Feb 1996 20:22:49 CST
 To: bbssig@tapr.org
 Message-ID: <9602100222.AA28507@pv6f27.vincent.iastate.edu>
 Rendered body type: text/plain

>X = RLI (Xfwd'ng) style of compressed forwarding (Not in FBB as yet)

Should be in the upcoming release.

73,
 Dean - KE0WO

```

+-----+
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy      +
+      ke0wo@iastate.edu                    Ames, Iowa                  +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA        FBB Beta tester           Cellist +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                     +
+-----+

```

25. Still more features in SID

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)
 Date: Sat, 10 Feb 1996 18:11:36 +0100
 To: bbssig@tapr.org
 Message-ID: <v01540a00ad427ae674fa@[141.20.199.57]>
 Rendered body type: text/plain

I would like to add another one:

D = supports boards with 8 chars in the name,
 exchanges "lifetime" information of bulletins,
 supports full transparent 8-bit binary according to the #BIN# protocol

All german bbs softwares (TheBox, BaycomBox, dpbox) use this feature
 designator since about two or three years.

A proper definition of all that stuff will follow the next days. If there
 is any serious interest, also of the fbb binary protocol revision 0 and 1,
 because in conjunction with letter B/F letter D has an extended meaning,
 too.

73s, Joachim, DL8HBS.

P.S.: you may give <http://www.snafu.de/~wahlm/> a try, if you are looking
 for a linux based bbs supporting full fbb protocoles and PACSAT
 style message broadcast.

--
 Joachim Schurig
 h0187akk@rz.hu-berlin.de (email)
 DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

26. Re: [BBSSIG:2261] Re: Features in SID ?

From: Jeffrey Austen <JRA1854@tntech.edu>
Date: Sat, 10 Feb 1996 13:30:02 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <01I11SZYNPBMHV11SU@tntech.edu>
Rendered body type: text/plain

> > I might like to add several other SID's to the listing plus add to the list
> > already presented..

[cut]

How about collecting all of the BBS protocol specifications and putting them somewhere easily accessible, like on the TAPR ftp and www site?

Jeff, k9ja

27. Re: Features in SID ?

From: Paul Kearney <ei7gm@iol.ie>
Date: Sun, 11 Feb 1996 12:55:30 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960211125040.15072A-100000@joyce.iol.ie>
Rendered body type: text/plain

OK , About difference between DOCs and Meanings

May I suggest a question to Andy G1DIL @ GB7BBS WP-For GBR
and also on the internet @ demon.??uk provider.

He is the GB rep for FBB Himself (who I believe is not directly on ip)

Andy has provided info on FBB-BOX before and should be able to
'dig' up the info required.

73 paul

28. BBS SID spec from WORLI Docs

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Sun, 11 Feb 1996 09:38:03 -0500
To: bbssig@tapr.org
Message-ID: <199602111438.JAA14221@snoopy>
Rendered body type: text/plain

Note: This is direct from WORLI's BBS_SPEC.DOC file from version 19.4. I
hope this helps those interested.

Section 7 - Feature Letter Use

Feature \$:

Supports BIDs.
This feature must be supported.

Feature A:

F6FBB - Acknowledge for personal messages.

Feature B:

F6FBB - Binary messages supported.

Feature C:

Obsolete: Supports automatic distribution of current date / time.
(WORLI, K0ZXF)

Feature F:

F6FBB - Batch forwarding protocol.

Feature H:

Supports Hierarchical Location designators.
This feature must be supported.

Feature I:

Some transport mechanisms do not identify the calling station in the
protocol as AX25 does. To handle this situation, a "null command"
is defined as a line beginning with ';'. This allows the sending station
to send call signs to satisfy the regulations for station identification.

EXAMPLE

; W5SMM de W0RLI

The receiving station must ignore such lines.

Feature L:

Glnna - Compression.

Feature M:

For AA4RE systems:

Basic level ("M0")

MID = message identifier

Every message has a MID.

The MID looks like a "generated" BID (example 12345_AA4RE).

The "M" letter in the SID indicates that a MID is to be transmitted with messages that have no BID.

Processing:

If a send command is received by a BBS with a MID, the program should determine if it is a duplicate. If it is, the program should respond with the usual "NO" as if it was matching a BID.

Feature R:

AA4RE - Extended reject responses.

OK

Yes, send to me. Note that no number is required. This may help eliminate phantom message numbers.

NO

This is a real dupe

REJECT

I can't handle this

LATER

Send to me later ...

The LATER is useful when you are already receiving a bulletin on one connect and someone else tries to send you the same bulletin.

REJECTed messages should be called to the attention of the SYSOP to see why the reject occurs.

The difference between NO and REJECT is whether or not SYSOP attention is needed.

Abbreviations are allowed: 1 Letter only ... O N L R

There must be a blank after the word or letter. This one is fine:

N Already have it.

This one is not correct:

REJECT, Something wrong

The comma is not allowed.

Feature S:

AA4RE - Extended "S" commands.

Feature X:

W0RLI - Supports ihave/iwant compressed batch forwarding.

A standard for Data compression during the forwarding of messages in the Amateur Radio BBS Network.

o ihave/iwant variable batch size protocol

o Feature letter X, commands SS, SX, SY.

o lzh compression

Command Definitions and BNF description.

```

N          = INTEGER, size 32 bits.
protocol   = TBD
batch_size = N
file_size  = N
msg_count  = <0 - 25>
cksum      = <file checksum>

id         = BID | MID CR
ids        = id | ids id

byte       = <0x00 - 0xff>
bytes      = byte | bytes byte

ihave = "SX " msg_count [" " protocol] [" " batch_size] CR [ids]
iwant = "SY " msg_count CR [ids]
isend = "SS " file_size [" " cksum] CR bytes

```

For ihave:
 Protocol and batch_size not used in initial implementation.
 Default protocol is: lzh compressed export/import file.

For iwant:
 SY means want only these.

Note that the SS command must terminate with CR, without LF.

The optional checksum is computed by summing all the bytes
 in the file as unsigned integers. Example code:

```

{
  int byte;
  unsigned int sum;

  sum = 0;
  for (all bytes in file) sum += byte;
}

```

RFC-822 header fields used are:

```

To:
From:
Subject:
Message-ID:
X-msgtype:
X-BID:

```

 The basic interchange (example):

bn are BIDs (or MIDs if the message has no BID).
 m: is master, s: is slave.

```

m: SX 5
m: b1
m: b2
m: b3
m: b4
m: b5

```

```

s: SY 3
s: b1
s: b3
s: b5

```

```

m: SS 26545
m: <sends 26545 byte file>

```

In the case of any error, the station noticing the error must disconnect.

 With more detail of one implementation (MB/SERVER processing)

Maximum batch size defined globally (default), and per link.
 Ability to turn compression on/off (add/drop feature X in SID).

```

>From sending side:

MB:

Scan messages to find a batch just larger than max batch size.
Keep record numbers and cc: id in list.
Send ihave.
Receive iwant.
Mark all messages in ihave and not in iwant as forwarded (dup bid).
Pass iwant list to SERVER in file.
Wait for server acknowledge.

SERVER:

Create export file.
Compress export file.
Signal MB that compressed file ready to send.

MB:

Send isend, send the file.
Receive prompt.
Mark all messages in iwant as forwarded.

>From receiving side:

MB:

Receive ihave.
Check bids in ihave.
For all non-dup bids, make iwant list.
Send iwant.
Receive compressed file.
Signal SERVER import file available.
Send prompt.

SERVER:

Decompress file, import messages.

```

```

73, de Bill, N3JIX
*****
* Bill Barnes, N3JIX *
* Internet: n3jix@mail.csrlink.net *
* WWW: http://www.epix.net/~n3jix/ *
* Packet : n3jix@n3jix.#lyc.pa.usa.noam *
*****

```

29. Re: [BBSSIG:2266] BBS SID spec from WORLI Docs

```

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 12 Feb 1996 07:57:54 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960212075135.28603B-100000@lantz.com>
Rendered body type: text/plain

```

On Sun, 11 Feb 1996, Bill Barnes, N3JIX wrote:

```

> Feature C:
>
> Obsolete: Supports automatic distribution of current date / time.
>           (WORLI, K0ZXF)

```

While Hank's doc says this is obsolete (from the standpoint of his BBS software), it is STILL available and in use. K0ZXF is the author of PacComm's Personal Message System (PMS), the first message system in ANY TNC. Every PacComm TNC with a PMS supports this feature.

TNOS release 2.00 and up support this. If TNOS connects to a PMS, and sees the 'C', then it gives the command to set the time/date in the PMS, which is 'C yymmdd hhmm'.

```

-----
Brian A. Lantz      http://www.lantz.com      brian@lantz.com

```

```

REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
    }

```

```

        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }

```

30. Re: [BBSSIG:2260] Re: Features in SID ?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
 Date: Mon, 12 Feb 1996 09:49:32 -0800
 To: bbssig@tapr.org
 Message-ID: <9602121751.AA03462@em-wv03>
 Rendered body type: text/plain

At 05:18 PM 2/9/96 -0600, you wrote:
 >I might like to add several other SID's to the listing plus add to the list
 >already presented..
 >
 >M = MID\$ supported

No definition for this one yet ... can you supply a definition
 of the protocol?

>B = FBB Style of compressed forwarding

I've seen one definition of the B protocol.

>X = RLI (Xfwd'ng) style of compressed forwarding (Not in FBB as yet)
 >\$ = BID\$ Support

\$ is obsolete but required (all systems are assumed to support BIDs)

>R = Supports reverse forwarding

Never heard of this one. The assumption was that all systems
 support reverse forwarding, or that if they didn't there was
 a simple protocol to indicate this fact (disconnect at the receipt
 of the reverse forwarding prompt.)
 >

Hank Oredson @ Mentor Graphics Library Operations
 Internet : hank_oredson@mentorg.com "Parts 'R Us!"
 Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

31. Re: [BBSSIG:2255] Re: BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
 Date: Mon, 12 Feb 1996 13:00:20 -0600
 To: bbssig@tapr.org
 Message-ID: <1.5.4b11.32.19960212190020.0067e874@texoma.com>
 Rendered body type: text/plain

At 08:21 AM 2/9/96 -0600, Brian wrote:

>What I will be doing is to add another one of the SSID character [;-)]
 >(except *I* document mine) that will indicate the ability to do HTML. If
 >both have it, then the 'rules' change as far as what are valid commands
 >from the client. At that point, only 'GET', 'HEAD', and 'POST' are valid
 >commands, and the '<' has no special meaning.
 >

The use of an SSID sounds great! I didn't understand about 'GET', 'HEAD',
 and 'POST' completely, but assume these will be specific to TNOS. If I
 missed an important point there, please elaborate!

>As for standardizing gfx filename, no real need. The clients should be
 >written such that they cache gfx and text files (like Netscape, etc.),
 >and all requested for files should be conditional GET's, which only send
 >the content of the file IF it has been changed since the client last
 >received a copy.
 >
 >Serves the SAME end goal, is already part of the HTTP spec, and very
 >painless.
 >

I have doubts that the standard cache setup will work out well for packet
 since it requires an awful lot of graphic files to be transmitted.

As I understand the use of the cache, the transmission of graphics would
 occur when a "new" guy first connects to the server. They go in his cache
 directory, and thereafter don't need to be transmitted (to that one station
) again unless:

1. the graphic file has changed.
2. the user loses his cache for some reason, such a HD crash, new software, Murphy, fat fingers, ect..
3. the cache is limited in size, and the graphic was overwritten by more recently seen stuff.

This works great on the Internet. For a small base of AX25 packet radio users, this would work out well. On an amateur TCP/IP LAN this would also work out fine.

In the rather busy, chaotic conditions often found on AX25 packet though, I don't think it would be satisfactory.

You have to contend with LOTS of new guys, lots of guys with software/hardware problems, lots of hidden transmitters, and LOTS of users on the freq.

Under those circumstances, ANY transmission of graphic or binary files should be avoided if at all possible.. Agreed?

You could say that the AX25 net isn't "robust" enough to handle HTML's graphic requirements, or you could say that HTML's setup is not "robust" enough for AX25 packet's bandwidth requirements.. It all comes out to the same thing in the long run.. SOMETHING has got to give and as we all know, the AX25 packet network has proven very resistant to modification or change. If we want to use HTML on AX25 packet and really see it fly, we'll have to make any necessary adjustments in HTML itself, since it is by far the easiest to manipulate of the two.

While I'm not particularly happy at the idea of adding something new to HTML standard, I still feel that (for AX25 packet) it will be worthwhile to do so in order to approach "zero transmission of graphics" as closely as possible. In particular, there should be no situation where transmission of graphics files would HAVE to happen in order for everyday functions to work. For example: A ham connects to your HTML BBS over a poor, long, or very busy link. It's his first connect of course, so ALL of the graphics for the BBS's "page" must be transmitted to him since his cache doesn't have ANY of YOUR BBS's stuff. -- You can figure on this, and things like this to happen all the time on AX25 packet with standard HTML cache-ing. If you're not ready for stuff like that to happen, you're not ready!

My proposal of standardized filenames-functions for commonly used graphics would go far in getting us past these difficulties. It would allow us to PRE-LOAD the user's cache upon setting up his software with most of the HTML graphics he would be likely to encounter on almost any packet BBS, Cluster, ect. There are more benefits to this than are immediately obvious..

For an example, let's look at the "bullet" graphic. In most cases, a "bullet" looks like a black, red, or blue dot. Whatever the "bullet" LOOKS LIKE, it's function is always the same. It's a bullet. In the standard cache setup, you have to receive and cache a different "bullet" graphic for most stations you connect with! This is great for the landline, but we're talking about packet here. On packet, this in itself would make HTML a terrible spectrum and time-waster.

We can avoid a painful and frustrating period of adjustment to these realities.. To get past this, let's assume that client software comes with it's own library of standardized graphic filenames-functions, among which would be "bullet.jpg".

Packet ops, including SYSOPs of BBS's, Clusters, Conference Bridges, ect would then be able to point to and use "bullet.jpg" in thier HTML documents, knowing that each client station would ALREADY have a graphic to match that filename-function in thier caches.

"Bullet.jpg" would NEVER have to be transmitted, but it would be there for everyone to use, all the same. Even that new BBS user I mentioned earlier! This allows us to approach "zero transmission of graphics" and yet still be able to use them whenever we want to.

The above also applies of course, to: arrow.jpg mymail.jpg new.jpg and so on... If you look at HTML documents, you'll find there are a number of graphic filename-function pairs like these which show up over and over again. There will also be a good number of ham-specific graphic filename-functions we could standardize, such as arrl.jpg races.jpg ares.jpg aprs.jpg bbs.jpg conference.jpg cluster.jpg gateway.jpg and so on...

The more filename-function pairs we can identify, standardize, and pre-load into the user's caches the better HTML would work out on the AX25 packet network.

Incorporating these standardized filename-functions would work IN ADDITION

to the standard HTML cache setup, so special graphics CAN be transmitted and added to anyone's cache. If a BBS SYSOP wanted his "bullets" to look like arrl logos, for example, he would use his own unique filename-function "arlbulet.jpg"

which would be transmitted in turn to each of his users and go into thier caches normally.

He could be smart though, and use the standard "arrl.jpg" in place of the standard "bullet.jpg" and get the same effect without having to update anyone's cache, even first-time connectees! There's room for creativity there, for the creative types.

CLARIFICATIONS:

1. I'm proposing standardized graphic filename-function pairs appropriate for most common HTML graphics such as bullets, arrows, New, directory, background, ect, including a special set for packet-specific functions such as MyMail, Alert, News, Conference, Gateway, BBS, Callbook, ect..

2. I'm not proposing the graphics themselves be standardized, but obviously the graphics included in client software should closely match the filename-function

pairs they are associated with. After that, though, it would be up to the user as to what his personal copy of "bullet.jpg" or "bground.jpg" or even "arrl.jpg" would look like.

!! Did you notice that this mechanism takes away some of the variety seen on the Internet's HTML, but in return would give packet ops very precise control over the thier PERSONAL view of the packet world. Let's say:

Cowboy Bob wants to see cactuses and lassos when he connects to his local BBS, Doctor Bill wants to see red crosses, pills, and hypos

Officer Ted wants to see silver star "bullets" on a dark blue background with yellow text...

Machinist Harry wants to see micrometers and dividers..

Architect Al wants to make everything look like an old blueprint..

All they have to do is edit thier personal copies of the graphics related to the standard filename-functions, which AREN'T updated by new copies from other systems if they are different, in conrast to HTML practice for ALL OTHER graphics.

See what I mean? You can't do that (easily, yet) on Internet. The more standardized graphic filename-function pairs we develop, the more control EACH PACKET OP is given of his station's display. This is a new way to utilize HTML which may eventually carry over to Internet. I think hams ought to be able to say, " We did it it first, standardized and developed the practice" if it does.

Internet has given us hams a lot.. Why not return the favor?

Again, standard HTML graphic-passing is NOT affected, except that the standard filenames (widely published and known) would have to be avoided. You could replace the FUNCTION of the standard filename-function "bullet.jpg" with your "mybullet.jpg" at any time you were willing to transmit that graphic. If you used the standard name "bullet.jpg" though, nothing would be transmitted or updated UNLESS that "standard" file doesn't exist in the distant station's cache for some reason.

I have more to say on this, but will give everybody a break now and shut up!

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail: n5pvl@texoma.com
Page: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

32. Re: [BBSSIG:2268] Re: Features in SID ?

From: K2ADJ@prodigy.com (MR RODNEY G FOWLER)
Date: Mon, 12 Feb 1996 17:12:03 EST
To: bbssig@tapr.org
Message-ID: <097.00998931.SLSC65A@prodigy.com>
Rendered body type: text/plain

Regarding the SID's in question, the "M" and "R".. First, I received the definition of the "R" (supports reverse forwarding" from Brian, KA2BQE and the "M" is from MSYS where it has to be "set" if you want MID\$ challenge.

I am not one of you codesmiths so I could be drastically WRONG, hi.

73 Hank.. de Rod (k2adj)

33. Re: [BBSSIG:2267] Re: BBS SID spec from WORLI Docs

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Mon, 12 Feb 1996 18:01:27 -0500
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <199602122301.SAA20256@snoopy>
Rendered body type: text/plain

At 07:03 AM 2/12/96 -0600, Brian A. Lantz wrote:
>TNOS release 2.00 and up support this. If TNOS connects to a PMS, and
>sees the 'C', then it gives the command to set the time/date in the PMS,
>which is 'C yymmdd hhmm'.

That's a neat little piece of trivia... I used to set my time on CBBS with the
C yymmdd hhmm command... Now with RLI 19.4, I shell to dos and do a time...

Of course, I don't have to change the time anymore that I'm in UTC for the
PBBS here..

It's still neat about that feature of a SID...

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                       *
* WWW:  http://acwww.bloomu.edu/~wlbarn                   *
* Packet   :  n3jix@n3jix.#lyc.pa.usa.noam                *
*****
```

34. Re: [BBSSIG:2269] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 12 Feb 1996 19:14:01 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960212184503.6722B-100000@lantz.com>
Rendered body type: text/plain

On Mon, 12 Feb 1996, Charles Brabham wrote:

> At 08:21 AM 2/9/96 -0600, Brian wrote:
>
> >What I will be doing is to add another one of the SSID character [;-)]
> >(except *I* document mine) that will indicate the ability to do HTML. If
> >both have it, then the 'rules' change as far as what are valid commands
> >from the client. At that point, only 'GET', 'HEAD', and 'POST' are valid
> >commands, and the '<' has no special meaning.
> >
>
> The use of an SSID sounds great! I didn't understand about 'GET', 'HEAD',
> and 'POST' completely, but assume these will be specific to TNOS. If I
> missed an important point there, please elaborate!

No, these are the ONLY THREE keyword commands used by the HTTP protocol,
which is the client/server protocol used to transfer Web pages.

> >As for standardizing gfx filename, no real need. The clients should be
> >written such that they cache gfx and text files (like Netscape, etc.),
> >and all requested for files should be conditional GET's, which only send
> >the content of the file IF it has been changed since the client last
> >received a copy.
> >
> >Serves the SAME end goal, is already part of the HTTP spec, and very
> >painless.
> >
>
> I have doubts that the standard cache setup will work out well for packet
> >since it requires an awful lot of graphic files to be transmitted.
>
> As I understand the use of the cache, the transmission of graphics would
> occur when a "new" guy first connects to the server. They go in his cache
> >directory, and thereafter don't need to be transmitted (to that one station
>) again unless:
> 1. the graphic file has changed.
> 2. the user loses his cache for some reason, such a HD crash, new software,
> Murphy, fat fingers, ect..
> 3. the cache is limited in size, and the graphic was overwritten by more
> recently seen stuff.
>

> This works great on the Internet. For a small base of AX25 packet radio
> users, this would work out well. On an amateur TCP/IP LAN this would also
> work out fine.
> In the rather busy, chaotic conditions often found on AX25 packet though, I
> don't think it would be satisfactory.
> You have to contend with LOTS of new guys, lots of guys with
> software/hardware problems, lots of hidden transmitters, and LOTS of users
> on the freq.
> Under those circumstances, ANY transmission of graphic or binary files
> should be avoided if at all possible.. Agreed?

Agreed. We only disagree in implimentation. I am going to produce a spec
to actually *DO* this, and in it leave most of these kinds of details to
the implimentation.

This spec will fully support what is called in the HTTP spec a
'Conditional GET'. This is where the client says, "I got a copy of this,
dated xxxxx. Only send it if it has changed." This is what Netscape does
(but NOT IBM or Microsoft's browsers).

The first time you get on, you'll pull off all components, but after that
they will only come if needed. After all, you've got to get them the
FIRST time ;-)

> You could say that the AX25 net isn't "robust" enough to handle HTML's
> graphic requirements, or you could say that HTML's setup is not "robust"
> enough for AX25 packet's bandwidth requirements.. It all comes out to the
> same thing in the long run.. SOMETHING has got to give and as we all know,
> the AX25 packet network has proven very resistant to modification or change.
> If we want to use HTML on AX25 packet and really see it fly, we'll have to
> make any neccesary adjustments in HTML itself, since it is by far the
> easiest to manipulate of the two.

I don't know that it will really need 'mod'ing. The spec already allows
for agreed upon compression protocols (they call it 'encoding methods',
if memory serves me correct), so LZH compression can be used to keep the
bandwidth down. GIF files are ASCII files, so they will compress up REAL
well....

> While I'm not particularly happy at the idea of adding something new to HTML
> standard, I still feel that (for AX25 packet) it will be worthwhile to do
> so in order to approach "zero transmission of graphics" as closely as possible.
> In particular, there should be no situation where transmission of graphics
> files would HAVE to happen in order for everyday functions to work.
> For example: A ham connects to your HTML BBS over a poor, long, or very
> busy link. It's his first connect of course, so ALL of the graphics for the
> BBS's "page" must be transmitted to him since his cache doesn't have ANY of
> YOUR BBS's stuff. -- You can figure on this, and things like this to happen
> all the time on AX25 packet with standard HTML cache-ing. If you're not
> ready for stuff like that to happen, you're not ready!

Displaying of graphics can be disabled on the client side, also....

> My proposal of standardized filenames-functions for commonly used graphics
> would go far in getting us past these difficulties. It would allow us to
> PRE-LOAD the user's cache upon setting up his software with most of the HTML
> graphics he would be likely to encounter on almost any packet BBS, Cluster,
> ect. There are more benefits to this than are immediately obvious..

You can STILL pre-load him, just with the ones that the area sysops have
CHOSEN to use to fit their personalities.

The advantage of HTTP/HTML browsing added to the PBBS experience is the
Look and Feel. To enforce a *SET* look upon all PBBSS would be a big mistake.

> For an example, let's look at the "bullet" graphic. In most cases, a
> "bullet" looks like a black, red, or blue dot. Whatever the "bullet" LOOKS
> LIKE, it's function is always the same. It's a bullet.
> In the standard cache setup, you have to recieve and cache a different
> "bullet" graphic for most stations you connect with! This is great for the
> landline, but we're talking about packet here. On packet, this in itself
> would make HTML a terrible spectrum and time-waster.

I understand your point, but you picked a poor example. A small GIF like
that is about 300-500 bytes uncompressed, and about 40 bytes compressed.

> CLARIFICATIONS:
>
> 1. I'm proposing standardized graphic filename-function pairs appropriate
> for most common HTML graphics such as bullets, arrows, New, directory,
> background, ect, including a special set for packet-specific functions such
> as MyMail, Alert, News, Conference, Gateway, BBS, Callbook, ect..

This is an local implimentation issue, not a design one. I will leave
room in the spec I am designing to allow locally stored, shared images.

> Again, standard HTML graphic-passing is NOT affected, except that the
> standard filenames (widely published and known) would have to be avoided.
> You could replace the FUNCTION of the standard filename-function
> "bullet.jpg" with your "mybullet.jpg" at any time you were willing to
> transmit that graphic. If you used the standard name "bullet.jpg" though,
> nothing would be transmitted or updated UNLESS that "standard" file doesn't
> exist in the distant station's cache for some reason.

There would NOT be a concern over filename collision. Instead of a link
saying the graphic can be found at 'http://hostname/graphics.file', it
would be 'file://filename'. Any prefixed with 'file://' are local, any
with 'http://' are remote. It's already done this way with standard browsers.

Brian A. Lantz http://www.lantz.com brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

35. Re: [BBSSIG:2268] Re: Features in SID ?

From: rsbaker@dove.mtx.net.au (Rodney S Baker)
Date: Tue, 13 Feb 96 05:25:53 EST
To: bbssig@tapr.org
Message-ID: <199602130527.PAA12569@dove.mtx.net.au>
Rendered body type: text/plain

On Mon, 12 Feb 1996 11:53:41 -0600 (CST) you wrote:

>[...]
>>R = Supports reverse forwarding
>
>Never heard of this one. The assumption was that all systems
>support reverse forwarding, or that if they didn't there was
>a simple protocol to indicate this fact (disconnect at the receipt
>of the reverse forwarding prompt.)
>>

This one *is* important when using TPK to interact with F6FBB systems
(which TPK was specifically designed to do). TPK does *not* support
reverse forwarding and so does not include the R in its SID. FBB
recognises this and does not attempt reverse forwarding.

>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>

Rod.

=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet : vk5ztv@bbs.vk5tty.ampr.org | My other .sig file is boring too!
Email : rsbaker@dove.mtx.net.au |
=====

36. Re: [BBSSIG:2269] Re: BBS Software Wish List:

From: rsbaker@dove.mtx.net.au (Rodney S Baker)
Date: Tue, 13 Feb 96 05:36:49 EST
To: bbssig@tapr.org
Message-ID: <199602130538.QAA13658@dove.mtx.net.au>
Rendered body type: text/plain

On Mon, 12 Feb 1996 13:14:23 -0600 (CST) you wrote:

```
>[...deletia...]
>You could say that the AX25 net isn't "robust" enough to handle HTML's
>graphic requirements, or you could say that HTML's setup is not "robust"
>enough for AX25 packet's bandwidth requirements.. It all comes out to the
>same thing in the long run.. SOMETHING has got to give and as we all know,
>the AX25 packet network has proven very resistant to modification or change.
>If we want to use HTML on AX25 packet and really see it fly, we'll have to
>make any necessary adjustments in HTML itself, since it is by far the
>easiest to manipulate of the two.
>
```

I disagree. The best thing to do is to increase the access speed available to those who want to use this stuff. 9600bd fdx (or hdx using regen repeaters) would IMHO be the slowest practical speed to be able to use HTML over AX.25 at any acceptable speed. 1200bd would be painfully slow, especially with a busy channel. The users who want to experiment with this sort of stuff will probably be those who're willing to experiment with the higher speed stuff anyway. Those users who're happy staying with 1200bd and just use it as a cheap email system more than likely won't be bothered with HTML either.

```
>While I'm not particularly happy at the idea of adding something new to HTML
>standard, I still feel that ( for AX25 packet ) it will be worthwhile to do
>so in order to approach "zero transmission of graphics" as closely as possible.
```

Don't mess with the established (and evolving ;-) protocol. Improve the user access speeds and network backbones to cope. That's what were having to deal with here in Adelaide right now. Our existing 1200/4800 network is simply becoming choked with users. We are currently about to commission 9600bd user ports on each of the major BBS's. The backbone will have a hernia but that's OK. We can then go to the users and say "it needs upgrading, how 'bout support?". Bear in mind that **all** the Adelaide user-access BBS's are run by clubs rather than individuals, too.

```
>In particular, there should be no situation where transmission of graphics
>files would HAVE to happen in order for everyday functions to work.
>For example: A ham connects to your HTML BBS over a poor, long, or very
>busy link. It's his first connect of course, so ALL of the graphics for the
>BBS's "page" must be transmitted to him since his cache doesn't have ANY of
>YOUR BBS's stuff. -- You can figure on this, and things like this to happen
>all the time on AX25 packet with standard HTML cache-ing. If you're not
>ready for stuff like that to happen, you're not ready!
```

This is why the "ALT" parameter is provided in HTML. If you're using a browser that doesn't support graphics (eg Lynx), you see the text instead.

```
>[...]
>----- 73 DE Charles Brabham N5PVL -----
>Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
>E-Mail: n5pvl@texoma.com
>Page: http://www.texoma.com/personal/n5pvl/n5pvl.htm
>-----
```

Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | My other .sig file is boring too!
Email     : rsbaker@dove.mtx.net.au         |
=====
```

37. Re: [BBSSIG:2272] Re: BBS Software Wish List:

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 13 Feb 1996 01:26:00 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199602130726.BAA28670@zeus.ia.net>
Rendered body type: text/plain

Brian

Could the HTML work like LYNX which is text only? That would allow the hot links, which is where all the flexibility exists, but not drag along all the graphics.

38. FBB - How do you hold large bulletins?

From: lkenney@slip.net (Larry Kenney, WB9LOZ)
Date: Tue, 13 Feb 1996 00:20:59 -0800
To: bbssig@tapr.org
Message-ID: <199602130820.AAA16899@slip-1.slip.net>
Rendered body type: text/plain

As sysop of the W6PW BBS in San Francisco, I've been seeing lots of bulletins coming through lately that are quite large - 10, 15, even up to 20K. Since these bulletins are causing a major slowdown of the forwarding to other BBSs, I'd like to have them be automatically put on hold when they arrive, and then I could release them when the other bulletins have been forwarded and the traffic load is light.

I run the FBB software here and have tried using REJECT.SYS with the following line:

```
#Type From @BBS To BID Maximum size  
H B * * * * 7000
```

It doesn't work. Do any of you have a means of automatically holding any bulletin larger than 7K on an FBB system? All ideas will be appreciated.

73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net
San Francisco

39. Re: [BBSSIG:2275] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
Date: Tue, 13 Feb 1996 08:33:18 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960213082437.13440E-100000@lantz.com>
Rendered body type: text/plain

On Tue, 13 Feb 1996, Barry Buelow WA0RJT wrote:

> Brian
>
> Could the HTML work like LYNX which is text only? That would allow
> the hot links, which is where all the flexibility exists, but not
> drag along all the graphics.

That is one possible option for a client program.

The 'gotcha' to this is the client. I've been toying with this idea for about a year now, but the 'gotcha' held me back (got the 'gotcha' now, though).

The existing clients are FINE if you are accessing the PBBS via IP. TNOS will FIRST be implemented this way, and will then be able to be browsed using the standard browsers, as long as the TNOS system is available via the Internet.

But the end goal I'm going for is to have client program(s) that use standard TNC's and use the HTTP/PBBS SPEC I am going to produce. That way, with a program and a regular TNC, you can 'browse' a PBBS.

This (of course) means a new browser(s). And they should be as similar to existing ones as possible.

Any of them that have source available (including LYNX) could be modified to the SPEC, and eventually (knowing the ham programming community), they probably will.

Initially, I plan to supply a graphic browser, similar to a stripped down Netscape, that will run on Windows, Mac, and Unix. This same browser will be able to do Internet or PBBS HTTP browsing.

Lot of work there, as you can probably tell, which is why I've kept a low profile on it. But it is getting a lot closer.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:  
    while (memory_available) {  
        eat_major_portion_of_memory (no_real_reason);
```

```

        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }

```

40. Re: [BBSSIG:2274] Re: BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
 Date: Tue, 13 Feb 1996 07:56:07 -0600
 To: bbssig@tapr.org
 Message-ID: <1.5.4b11.32.19960213135607.0068f76c@texoma.com>
 Rendered body type: text/plain

At 11:56 PM 2/12/96 -0600, you wrote:
 >On Mon, 12 Feb 1996 13:14:23 -0600 (CST) you wrote:
 >
 >>[...deletia..]
 >>You could say that the AX25 net isn't "robust" enough to handle HTML's
 >>graphic requirements, or you could say that HTML's setup is not "robust"
 >>enough for AX25 packet's bandwidth requirements.. It all comes out to the
 >>same thing in the long run.. SOMETHING has got to give and as we all know,
 >>the AX25 packet network has proven very resistant to modification or change.
 >>If we want to use HTML on AX25 packet and really see it fly, we'll have to
 >>make any necessary adjustments in HTML itself, since it is by far the
 >>easiest to manipulate of the two.
 >>
 >
 >I disagree. The best thing to do is to increase the access speed
 >available to those who want to use this stuff. 9600bd fdx (or hdx
 >using regen repeaters) would IMHO be the slowest practical speed to be
 >able to use HTML over AX.25 at any acceptable speed. 1200bd would be
 >painfully slow, especially with a busy channel. The users who want to
 >experiment with this sort of stuff will probably be those who're
 >willing to experiment with the higher speed stuff anyway. Those users
 >who're happy staying with 1200bd and just use it as a cheap email
 >system more than likely won't be bothered with HTML either.
 >

Sorry but I have to disagree Rodney. I have heard many variants of the
 "conventional wisdom" you were quoting there, and haven't been overly
 impressed by any of them.
 I'm not impressed by arguments about how 1200 baud packet and everyone on
 it is somehow beneath our dignity, and should simply be written off.
 I'm also not impressed by arguments about how all progress of any kind on
 the packet radio net has to go on hold until a mythical net-wide speed
 update comes about.
 Both of these are very poor excuses for mediocrity, IMHO, and I personally
 refuse to subscribe to that kind of thinking. When hams start taking thier
 "excuses" and turning them into "challenges", we will start seeing a LOT
 more progress on both the global AX25 net, and the scattering of amateur
 TCP/IP LANs.

I'm all in favor of higher speed, but I'm not going to sit on my hands until
 it gets here. There's lots of effective things we can be doing RIGHT NOW,
 but first we're going to have to dump this "it can't be done", and "it's not
 worth doing" baloney.

I'll agree that "it can't be done" by going along with the accepted
 "wisdom".. That's obvious!

>>While I'm not particularly happy at the idea of adding something new to HTML
 >>standard, I still feel that (for AX25 packet) it will be worthwhile to do
 >>so in order to approach "zero transmission of graphics" as closely as
 >>possible.
 >

>Don't mess with the established (and evolving ;-) protocol.
 >(Snipped more about high-speed as our only worthwhile goal or hope.)

I don't understand.. How does the protocol "evolve" if nobody "messes with it"?

Is this another one of those things which "can't be done", or "isn't worth
 doing"?

>>In particular, there should be no situation where transmission of graphics
 >>files would HAVE to happen in order for everyday functions to work.
 >>For example: A ham connects to your HTML BBS over a poor, long, or very
 >>busy link. It's his first connect of course, so ALL of the graphics for the
 >>BBS's "page" must be transmitted to him since his cache doesn't have ANY of
 >>YOUR BBS's stuff. -- You can figure on this, and things like this to happen

>>all the time on AX25 packet with standard HTML cache-ing. If you're not
>>ready for stuff like that to happen, you're not ready!
>
>This is why the "ALT" parameter is provided in HTML. If you're using a
>browser that doesn't support graphics (eg Lynx), you see the text
>instead.
>

I wasn't very clear.. The transmitting of graphics referred to (above) is being done by the SERVER. The CLIENT browser may or may not know what to do with them, but that's not the point. The point is that these graphic files are being transmitted over the "saturated" AX25 net you mentioned. I see that as something to try and avoid, and that's what my proposal allows us to do, without losing ANY of our ability to send graphics when we want to, and without having to do entirely without graphics over poor links. (The most common kind.)

Let me assure you that hams will want to see a LOT more graphics in packet-based HTML than we can reasonably expect to transmit to every one of them over the air. By placing many of the more commonly used graphics in the CLIENT systems, the SERVER is relieved of having to transmit them over and over. Still, special graphics for a particular station or function CAN be transmitted if the network is up to it.

For those great majority of cases where the network is NOT up to it, the system I proposed will give us something MUCH better than no graphics at all. It allows use of (limited) graphics with packet HTML without requiring any of the graphic files to ever be transmitted.

As I understand it from Brian Lantz, no modification of the existing HTML spec will be needed in order to accomplish this. We would change the WAY we use the existing setup, by doing as I proposed.

Brian Lantz disagrees that there is any need to do this, and on a high-speed IP LAN he's probably right.

When a busy 1200 baud net is considered though, I think he is being entirely too pessimistic as to how many stations would be utilizing HTML graphics when available, and too optimistic as to how much additional load the network can absorb.

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail: n5pvl@texoma.com
Page: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

41. Re: [BBSSIG:2272] Re: BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
Date: Tue, 13 Feb 1996 07:56:12 -0600
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960213135612.0067f428@texoma.com>
Rendered body type: text/plain

At 06:18 PM 2/12/96 -0600, Brian Lantz wrote:
(snip)

>> You have to contend with LOTS of new guys, lots of guys with
>> software/hardware problems, lots of hidden transmitters, and LOTS of users
>> on the freq.
>> Under those circumstances, ANY transmission of graphic or binary files
>> should be avoided if at all possible.. Agreed?
>
>Agreed. We only disagree in implimentation. I am going to produce a spec
>to actually *DO* this, and in it leave most of these kinds of details to
>the implimentation.

I don't completely agree that we disagree.. After reading through your reply, I get the impression that HTML already supports what I'm proposing, and to use my proposal only an agreement among hams to do so would be necessary.
Is that correct?

>> In particular, there should be no situation where transmission of graphics
>> files would HAVE to happen in order for everyday functions to work.
>> For example: A ham connects to your HTML BBS over a poor, long, or very
>> busy link. It's his first connect of course, so ALL of the graphics for the
>> BBS's "page" must be transmitted to him since his cache doesn't have ANY of
>> YOUR BBS's stuff. -- You can figure on this, and things like this to happen
>> all the time on AX25 packet with standard HTML cache-ing. If you're not
>> ready for stuff like that to happen, you're not ready!
>

>Displaying of graphics can be disabled on the client side, also....
>

It could, but that's the very situation I'm trying to avoid. I'm trying to find a way to have SOME graphics even under the worst of conditions. I believe "the worst of conditions" to be more common than not. Ask anybody if the AX25 packet net needs any additional load placed on it, for clarification on this.

Since poor conditions are so common, I'm shooting for something that keeps on going under those poor conditions.

>
>> My proposal of standardized filenames-functions for commonly used graphics
>> would go far in getting us past these difficulties. It would allow us to
>> PRE-LOAD the user's cache upon setting up his software with most of the HTML
>> graphics he would be likely to encounter on almost any packet BBS, Cluster,
>> ect. There are more benefits to this than are immediately obvious..
>

>You can STILL pre-load him, just with the ones that the area sysops have
>CHOSEN to use to fit their personalities.

Only if the area SYSOPs distribute the client software somehow.. Most SYSOPs don't have time for that kind of effort, and hams tend to get thier software from everywhere, not just the local SYSOP.

Otherwise you're back to having to transmit the same graphics over and over again to each individual user of the server, then re-transmit them again from time to time. That stuff adds up in a hurry, especially if your system serves several hundred users and has a steady stream of new guys coming and going as is typical for urban BBS's, or has hams connecting regularly over very long, weak paths as is common for rural BBS's.

We also have to keep in mind that the client-server connections will not be the only HTML packet activity occurring on the channel. Everybody will suddenly have thier own home-page, and there will be a lot of client-client stuff going on - Perhaps quite a bit more than what we're used to now. Among those hams, many will insist on transmitting graphics to excess, under less than ideal conditions. The standardized, permanent client-resident graphics will help reduce the impact of that problem as well by giving everybody a set of "No RF Net Penalty" graphics to work with, at least as a starting point.

An interesting experiment: Let's be generous, and assume that "1200 bd packet" has an actual throughput rate over a busy channel of 300 baud.. OK, so take a 300 baud landline modem now, and (if possible at that slow speed) connect to your internet provider. Go to the TAPR homepage, for an example, and see how long it takes to load up. Having fun?

It'll be slower on packet.

A prediction: Within minutes after the first two packet ops set up the first AX25 packet-HTML QSO, one or both of them will comment on how slow it is compared to the internet.

We want graphics, but we also want network loading cut to the bare minimum we can achieve so things won't be so slow.

I'm thinking in terms of the pre-loaded permanent cache being a true no-brainer, being standardized by virtue of being included in the client software's installation package.

Some users will opt to update thier graphics for a local scheme or as a means to personalize thier stations, but many more will be very content to stick with the no-brainer stuff. It's disgusting, but true.

>
>The advantage of HTTP/HTML browsing added to the PBBS experience is the
>Look and Feel. To enforce a *SET* look upon all PBBSs would be a big mistake.
>

I don't remember proposing enforced USE of the standardized filename/functions. I never mentioned or advocated a "set" look.

I did say that nothing would stop anyone from sending whatever graphics they feel the local net can handle. That's exactly as free and open as internet HTML is.

BUT! Under poor conditions you will find yourself looking for ways to lessen the load presented to the network by your station's activities. The graphics, being non-essential, will go first.

Again, poor conditions and links are more common than not.

The standardized list of graphic filename/functions is admittedly limited and sparse, but not when compared to NO GRAPHICS AT ALL, which is the condition my proposal is intended to help us avoid.

If you've got a nice, clear, high-speed link between the client and server there would of course be no need for this. Unfortunately, very few of us have that nice clear, fast link. Most of us have overcrowded, slow links instead.

```
>> For an example, let's look at the "bullet" graphic. In most cases, a
>> "bullet" looks like a black, red, or blue dot. Whatever the "bullet" LOOKS
>> LIKE, it's function is always the same. It's a bullet.
>> In the standard cache setup, you have to receive and cache a different
>> "bullet" graphic for most stations you connect with! This is great for the
>> landline, but we're talking about packet here. On packet, this in itself
>> would make HTML a terrible spectrum and time-waster.
>
```

```
>I understand your point, but you picked a poor example. A small GIF like
>that is about 300-500 bytes uncompressed, and about 40 bytes compressed.
```

(What's worse: You don't NEED a graphic file if you're content with a black "bullet", as in a bulleted list.)

No, the example is OK.. The bullet, though probably the smallest graphic we're likely to utilize, can add up to being a major load when you count ALL the bullets which are likely to be shot back 'n forth in a busy, shared packet LAN.

There are larger graphics, and there are lots of different graphics. All of those add up even worse than the bullets of course.

I figured that if somebody can see where the "bullets" could add up on us and cause throughput problems, the greater problem presented by larger graphics would be pretty obvious.

```
>
>> CLARIFICATIONS:
>>
>> 1. I'm proposing standardized graphic filename-function pairs appropriate
>> for most common HTML graphics such as bullets, arrows, New, directory,
>> background, ect, including a special set for packet-specific functions such
>> as MyMail, Alert, News, Conference, Gateway, BBS, Callbook, ect..
>
>This is an local implimentation issue, not a design one. I will leave
>room in the spec I am designing to allow locally stored, shared images.
>
```

That's why wasn't so sure I could agree that we really disagreed. I had at first thought that HTML would need an addition to be able to handle what I had in mind. From what I gather now though, the ability to utilize my proposal is built-in to the HTML spec already.

```
>> Again, standard HTML graphic-passing is NOT affected, except that the
>> standard filenames ( widely published and known ) would have to be avoided.
>> You could replace the FUNCTION of the standard filename-function
>> "bullet.jpg" with your "mybullet.jpg" at any time you were willing to
>> transmit that graphic. If you used the standard name "bullet.jpg" though,
>> nothing would be transmitted or updated UNLESS that "standard" file doesn't
>> exist in the distant station's cache for some reason.
>
>There would NOT be a concern over filename collision. Instead of a link
>saying the graphic can be found at 'http://hostname/graphics.file', it
>would be 'file://filename'. Any prefixed with 'file:/' are local, any
>with 'http:/' are remote. It's already done this way with standard browsers.
>
```

It's not really that I'm worried about a conflict or collision..

If you use 'file://filename' and for some reason the client software doesn't HAVE "filename", you will fall back to the text alternate but this doesn't help the guy who's managed to lose or mess up his copy of 'filename'.. Keep in mind that the great majority of users will have no clue or interest in the workings of HTML or thier software.. They just wanna use it!

There ought to be an automatic system for replacing missing "standard" graphics from the server. You wouldn't think they would come up missing very often, but with thousands of hams involved I wouldn't put bets on the files always being there when needed!

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail: n5pvl@texoma.com
Page: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

42. Re: Emergency Communications Plans

From: "Michael C. McHugh (TA2ZG/W2AV)" <michaelm@doruk.com.tr>
Date: Fri, 9 Feb 96 13:32:20
To: bbssig@tapr.org
Message-ID: <9602091348.aa05708@bbs.doruk.com.tr>
Rendered body type: text/plain

On Mon, 5 Feb 1996 Bill Vodall <vodall@bigsky.dillon.mt.us> wrote:

>Subject: [BBSSIG:2244] Emergency Communications Plans
>
>The Montana Department of Emergency Services is having
>a test/drill this week. Packet radio will be a part
>of the exercise.
>
>The current emergency plan only details keyboarding into
>the DES center to enter a note and disconnect.
>
>I'm suggesting quite vigorously that we've built a fairly
>decent automated message traffic forwarding system and
>it makes far more sense using it than to have everybody
>doing the node-hopping and keyboarding.
>
>My suggestions are being listened to - but more info and
>planning is needed.
>
>Little details are mentioned like: how do we disable the
>routine traffic for the duration of the test? The sysops
>won't always be there to push the necessary buttons.
>
>What about the times when a message needs to be delivered
>right away? Our current system runs on 1 hour forwarding
>cycles. That isn't adequate. We need to have some way
>to crank it up during the tests. (And probably the rest of
>the time as well... I'm aware that Oregon uses 10 minutes...)
>
>So, for the group, are there any existing plans or documents
>developed in other areas detailing the use of automatic BBS
>systems in emergency conditions that we could look at for ideas.

Hello, Bill -

I think it would depend heavily on what BBS software you were running in the network. With FBB (the only one I'm familiar with) it would be fairly easy to write some batch files for 'normal' and 'emergency' BBS setup. A sysop could run one or the other either from the console or via a remote connection (radio or landline). The batch files would replace the files concerned with user access, forward timing, etc. with versions appropriate to 'normal' or 'emergency' status. For example, the PORT.SYS file governs access (normal, guest or bbs-only) and forward timing (1 to 60 minute interval in 1 minute steps). You could have two sets of user information files (INFO.SYS) and designate only the user callsigns that are allowed emergency access as 'bbs' stations. All other connects would be rejected. You could customize the BEACON.SYS file to indicate that an emergency was in progress, etc., etc.. There are several terminal programs available, such as UltraPak, that work well with FBB and allow compressed send/receive of messages, monitoring and requesting messages automatically by 'To:' field or a subject string, etc.. Probably most of these things are true for the other types of BBS software (RLI, AA4RE, etc..).

To decide what is possible in your own case, I'd suggest that you first determine what network of BBS's that you want to be able to switch from 'normal' to 'emergency' status, and find out what BBS software is currently being used. Then, talk to the experts on the software to determine how it could be 'switched' as I've briefly described for FBB. Once you have a switchover system designed and tested, it should be (reasonably) easy to get the sysops to install it, providing they're already willing to have their systems used for emergency communications. As you

may have noted if you have monitored this SIG for more than a week or two, BBS sysops can be a pretty cantankerous lot. I can easily imagine running into sysops who will say "Of course my system will be available in a *real* emergency, but I'll set it up myself when and if that happens." Such a sysop might resist cooperating in testing a switchover system, on the grounds that it will disrupt the normal traffic, upset the users, and (very likely during initial testing) 'break' the BBS. From what I've experienced in working with FBB for more than four years, trying to do such a thing will require a *lot* of testing, playing and retesting before you get it stable enough to be reliable in a real emergency. Running more than one type of BBS software in the network will greatly compound the testing/debugging, but if you value your life, *don't* suggest to a sysop that he/she change to another 'brand' of BBS software! That's akin to the 'my OS is better than your OS' debate ;-).

You asked about existing plans and documents: the ARRL has several papers on emergency communications available from their info server. Send a message to info@arrl.org, subject doesn't matter, text like this:

```
reply vodall@bigsky.dillon.mt.us
index
quit
```

for a listing. One paper (EMERG.BBS) dated 950410 is entitled "The use of packet radio for emergency communications BBS" and sounds like it's what you're after. I haven't read it myself.

Hope this helps - it's good to see something other than NA/NOAM being discussed on this SIG. 73 -

de Mike (TA2ZG/W2AV) Remote Sysop TA2EM BBS - first PRBBS in Turkiye
Amateur Packet Radio: TA2ZG@TA2EM.#IST.TUR.EU
Internet (email only): Michael C. McHugh <MichaelM@doruk.com.tr>

43. Re: [BBSSIG:2273] Re: Features in SID ?

From: "Clarke L. Diekmann" <diekmann@crl.com>
Date: Tue, 13 Feb 1996 08:58:08 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <Pine.SUN.3.91.960213085511.23435D-100000@crl4.crl.com>
Rendered body type: text/plain

On Mon, 12 Feb 1996, Rodney S Baker wrote:

```
> On Mon, 12 Feb 1996 11:53:41 -0600 (CST) you wrote:
>
> >[...]
> >>R = Supports reverse forwarding
> >
> >Never heard of this one. The assumption was that all systems
> >support reverse forwarding, or that if they didn't there was
> >a simple protocol to indicate this fact (disconnect at the receipt
> >of the reverse forwarding prompt.)
> >>
>
> This one *is* important when using TPK to interact with F6FBB systems
> (which TPK was specifically designed to do). TPK does *not* support
> reverse forwarding and so does not include the R in its SID. FBB
> recognises this and does not attempt reverse forwarding.
>
> >
> >Hank Oredson @ Mentor Graphics                    Library Operations
> >Internet        : hank_oredson@mentorg.com        "Parts 'R Us!"
> >Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
> >
>
> > Rod.
>
> =====
> AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
> AmprNet    : vk5zstv@bbs.vk5tty.ampr.org        | My other .sig file is boring too!
> Email      : rsbaker@dove.mtx.net.au           |
> =====
>
>
```

Gee... I always thought that the "R" in a SID meant the software understood the REJECT/LATER mechanism. NEVER heard anyone ascribe it to the reverse forwarding feature. "ALL" software that I have ever run has properly responded to the "F>" reverse forwarding poll and they didn't

necessarily have an "R" in the SID!

Clarke, K3WGF

44. Re: [BBSSIG:2276] FBB - How do you hold large bulletins?

From: "Clarke L. Diekmann" <diekmann@crl.com>
Date: Tue, 13 Feb 1996 09:04:29 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <Pine.SUN.3.91.960213090232.23435E-100000@crl4.crl.com>
Rendered body type: text/plain

On Tue, 13 Feb 1996 lkenney@slip.net wrote:

> As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
> bulletins coming through lately that are quite large - 10, 15, even
> up to 20K. Since these bulletins are causing a major slowdown of
> the forwarding to other BBSs, I'd like to have them be automatically
> put on hold when they arrive, and then I could release them when the
> other bulletins have been forwarded and the traffic load is light.
>
> I run the FBB software here and have tried using REJECT.SYS with the
> following line:
> #Type From @BBS To BID Maximum size
> H B * * * * 7000
> It doesn't work. Do any of you have a means of automatically holding
> any bulletin larger than 7K on an FBB system? All ideas will be
> appreciated.
>
> 73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
> lkenney@slip.net
> San Francisco
>
>

I don't have the manual with me but I think you have just locked out any
bulletin larger than 7 MEGabytes... ;-) I believe the field may be in
Kbytes and not bytes... Don't have immediate access to my files to confirm.

73, Clarke, K3WGF

45. Re:FBB - How do you hold large bulletins?

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)
Date: Tue, 13 Feb 1996 21:34:29 +0100
To: bbssig@tapr.org
Message-ID: <v01540a00ad4638a3a4a1@[141.20.199.56]>
Rendered body type: text/plain

At 02:27 Uhr 13.02.1996, Larry Kenney, WB9LOZ wrote:

* I run the FBB software here and have tried using REJECT.SYS with the
* following line:
* #Type From @BBS To BID Maximum size
* H B * * * * 7000
* It doesn't work. Do any of you have a means of automatically holding
* any bulletin larger than 7K on an FBB system? All ideas will be
* appreciated.

Try a value of 7 instead of 7000, but I am not absolutely sure to recall
that correct.

73s Joachim

--
Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

46. Re: [BBSSIG:2276] FBB - How do you hold large bulletins?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 13 Feb 1996 14:45:53 -0700
To: bbssig@tapr.org
Message-ID: <199602132145.OAA21807@acca.nmsu.edu>
Rendered body type: text/plain

At 02:27 AM 2/13/96 -0600, you wrote:

>As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
>bulletins coming through lately that are quite large - 10, 15, even

>up to 20K. Since these bulletins are causing a major slowdown of
>the forwarding to other BBSs, I'd like to have them be automatically
>put on hold when they arrive, and then I could release them when the
>other bulletins have been forwarded and the traffic load is light.
>

Larry you can do that in your forward.sys file. You can, for example
send personal mail first, @usa second, and <3k third, and...

It takes a lot of IF and ENDIF statements but it will get the job done.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

47. Re: [BBSSIG:2276] FBB - How do you hold large bulletins?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Tue, 13 Feb 1996 15:17:54 -0800
To: bbssig@tapr.org
Message-ID: <9602132319.AA01111@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 02:27 AM 2/13/96 -0600, you wrote:

>As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
>bulletins coming through lately that are quite large - 10, 15, even
>up to 20K. Since these bulletins are causing a major slowdown of
>the forwarding to other BBSs, I'd like to have them be automatically
>put on hold when they arrive, and then I could release them when the
>other bulletins have been forwarded and the traffic load is light.

These are large? Appears that you are a bit behind the times.
I would consider 50k to be "large" and perhaps 125k to be "pushing the limit."
Yes, I forward these on HF. It's no big deal.

>I run the FBB software here and have tried using REJECT.SYS with the
>following line:
>#Type From @BBS To BID Maximum size
>H B * * * * 7000
>It doesn't work. Do any of you have a means of automatically holding
>any bulletin larger than 7K on an FBB system? All ideas will be
>appreciated.

I sure hope you are not on any path in the route toward Oregon.

Perhaps, Larry, it is time to fix your network, rather than suggesting
censorship based on message size ... particularly such a SMALL size.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

48. Re: [BBSSIG:2282] Re: FBB - How do you hold large bulletins?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Tue, 13 Feb 1996 15:17:55 -0800
To: bbssig@tapr.org
Message-ID: <9602132319.AB01111@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 11:30 AM 2/13/96 -0600, you wrote:

>On Tue, 13 Feb 1996 lkenney@slip.net wrote:
>

>> As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
>> bulletins coming through lately that are quite large - 10, 15, even
>> up to 20K. Since these bulletins are causing a major slowdown of
>> the forwarding to other BBSs, I'd like to have them be automatically
>> put on hold when they arrive, and then I could release them when the
>> other bulletins have been forwarded and the traffic load is light.
>>

>> I run the FBB software here and have tried using REJECT.SYS with the
>> following line:
>> #Type From @BBS To BID Maximum size
>> H B * * * * 7000
>> It doesn't work. Do any of you have a means of automatically holding
>> any bulletin larger than 7K on an FBB system? All ideas will be
>> appreciated.
>>

>> 73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
>> lkenney@slip.net
>> San Francisco
>>

>>
>
>I don't have the manual with me but I think you have just locked out any
>bulletin larger than 7 MEGabytes... ;-) I believe the field may be in
>Kbytes and not bytes... Don't have immediate access to my files to confirm.

By "locked out" do you mean you will fail to forward these tiny bulletins? Could someone explain what is meant here by "rejecting" them? Do they then land in the bit bucket? What response is given to the sending system? My guess is that you folks are tossing these bulletins right into the bit bucket.

Is it hard to build a network that can handle 50k bulletins? The answer is no. It is rather easy. If we can do it there in Portland, certainly other folks can as well.

My understanding of this SIG is to move the state of the art forward, and to do what we can to make the network of bbs systems work BETTER for the users. Throwing away bulletins because they are larger than some mythical "too large" seems a step backwards. How about ideas on how to make the network work better (and how to route around the censors.)

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM

49. Re:FBB - How do you hold large bulletins?

From: Mike Fahmie <MPFahmie@lbl.gov>
Date: Tue, 13 Feb 1996 16:59:39 -0800
To: bbssig@tapr.org
Message-ID: <199602140100.RAA04963@mh1.lbl.gov>
Rendered body type: text/plain

WØRLI said;

>By "locked out" do you mean you will fail to forward these tiny
>bulletins? Could someone explain what is meant here by "rejecting"
>them? Do they then land in the bit bucket? What response is given
>to the sending system? My guess is that you folks are tossing these
>bulletins right into the bit bucket.
>

Read Larry's message again Hank, he never said "Locked out".

His request was a way to defer forwarding to a secondary time slot.

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

50. Re: [BBSSIG:2282] Re: FBB - How do you hold large bulletins?

From: Roberto Bastidas-Buch <ROBERTO.BASTIDAS@ITU.CH>
Date: Wed, 14 Feb 1996 04:05:45 +0100 (MET)
To: bbssig@tapr.org
Message-ID: <Pine.3.89.9602140430.A12511-0100000@ties.itu.ch>
Rendered body type: text/plain

On Tue, 13 Feb 1996, Clarke L. Diekmann wrote:

> On Tue, 13 Feb 1996 lkenney@slip.net wrote:
>
> > As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
> > bulletins coming through lately that are quite large - 10, 15, even
> > up to 20K. Since these bulletins are causing a major slowdown of
> > the forwarding to other BBSs, I'd like to have them be automatically
> > put on hold when they arrive, and then I could release them when the
> > other bulletins have been forwarded and the traffic load is light.
> >
> > I run the FBB software here and have tried using REJECT.SYS with the
> > following line:
> > #Type From @BBS To BID Maximum size
> > H B * * * * 7000
> > It doesn't work. Do any of you have a means of automatically holding

```

> > any bulletin larger than 7K on an FBB system? All ideas will be
> > appreciated.
> >
> > 73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
> > lkenney@slip.net
> > San Francisco
> >
> >
>
> I don't have the manual with me but I think you have just locked out any
> bulletin larger than 7 MEGabytes... ;-) I believe the field may be in
> Kbytes and not bytes... Don't have immediate access to my files to confirm.
>
> 73, Clarke, K3WGF
>
>

```

It may be a simple question but this is my first try at this SIG, the documentation of FBB 5.15c is not too friendly and about the REJECT.SYS file I have not been able to make it reject duplicated BID. I would really appreciate it any help.

HR1PAQ SYSOP
73, Roberto

51. Re: Holding large bulletins...THANKS!

From: lkenney@slip.net (Larry Kenney, WB9LOZ)
Date: Wed, 14 Feb 96 00:40 PST
To: bbssig@tapr.org
Message-ID: <m0tmclK-000JfJC@slip.net>
Rendered body type: text/plain

Thanks to Clarke, K3WGF, and Joachim, DL8HBS, for the advise on how to hold large bulletins using FBB's REJECT.SYS.

For the information of others, the value for "Maximum size" is in KILOBYTES. I was entering 7000, so was setting the maximum size at 7 MEGabytes. I have now set the value to 7 and it's working great. A 12k message has already been put on hold.

For Hank's information, I'm not rejecting the bulletins, only putting them on hold to forward when there's not a lot of other traffic to be sent out. When you're forwarding to 8 other BBSs at 1200 baud, a 10, 15 or 20K bulletin can keep many other shorter bulletins from being forwarded on a timely basis.

We have a 9600 baud backbone here in Northern CA, but our local LAN is still hobbling along at 1200 baud, so anything I can do to speed delivery of the 300 - 350 bulletins we get every day is helpful.

73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net
San Francisco

52. Re: FBB - How do you hold large bulletins?

From: "Michael C. McHugh (TA2ZG/W2AV)" <michaelm@doruk.com.tr>
Date: Wed, 14 Feb 96 09:50:34
To: bbssig@tapr.org
Message-ID: <9602140956.aa00801@bbs.doruk.com.tr>
Rendered body type: text/plain

On Tue, 13 Feb 1996 Hank Oredson <Hank_Oredson@mentorg.com> wrote:

```

>At 11:30 AM 2/13/96 -0600, you wrote:
>>On Tue, 13 Feb 1996 lkenney@slip.net wrote:
>>
>>> As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
>>> bulletins coming through lately that are quite large - 10, 15, even
>>> up to 20K. Since these bulletins are causing a major slowdown of
>>> the forwarding to other BBSs, I'd like to have them be automatically
>>> put on hold when they arrive, and then I could release them when the
>>> other bulletins have been forwarded and the traffic load is light.
>>>
>>> I run the FBB software here and have tried using REJECT.SYS with the
>>> following line:
>>> #Type From @BBS To BID Maximum size
>>> H B * * * * 7000
>>> It doesn't work. Do any of you have a means of automatically holding
>>> any bulletin larger than 7K on an FBB system? All ideas will be

```

```
>>> appreciated.
>>>
>>> 73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
>>> lkenney@slip.net
>>> San Francisco
>>>
>>>
>>
>>I don't have the manual with me but I think you have just locked out any
>>bulletin larger than 7 MEGabytes... ;-) I believe the field may be in
>>Kbytes and not bytes... Don't have immediate access to my files to confirm.
>
>
>By "locked out" do you mean you will fail to forward these tiny
>bulletins? Could someone explain what is meant here by "rejecting"
>them? Do they then land in the bit bucket? What response is given
>to the sending system? My guess is that you folks are tossing these
>bulletins right into the bit bucket.
```

I don't know what Clarke meant by "locked out" but if you read the post from Larry Kenney you will see that he is asking about "automatically holding" certain bulletins so that he can "release them when the other bulletins have been forwarded and the traffic load is light." I didn't read anything from him about "rejecting" bulletins. There will be no response to the sending system, as he already has received the bulletin and simply desires to release it for *forwarding* to his partners when "the traffic load is light." This is a far cry from putting anything in the bit bucket. Sounds like intelligent management of the available bandwidth to me.

The F6FBB software filename 'REJECT.SYS' may be causing this confusion. This file is used both to hold and to reject incoming messages. Most countries aren't as liberal as the US as to the content of amateur radio traffic. For example, messages to 'SELL' or '4SALE' are illegal here. REJECT.SYS can be used to refuse acceptance of such messages from a forwarding partner. It can also be used to hold all locally generated messages until a sysop has the chance to review their content, which incidentally *is* a form of censorship that may be required by law in some countries.

BTW, Larry, the size should be given in kilobytes.

```
>Is it hard to build a network that can handle 50k bulletins?
>The answer is no. It is rather easy. If we can do it there in
>Portland, certainly other folks can as well.
>
>My understanding of this SIG is to move the state of the art forward,
>and to do what we can to make the network of bbs systems work BETTER
>for the users. Throwing away bulletins because they are larger than
>some mythical "too large" seems a step backwards. How about ideas on
>how to make the network work better (and how to route around the censors.)
>
>Hank Oredson @ Mentor Graphics      Library Operations
>Internet      : hank_oredson@mentorg.com    "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
```

```
de Mike (TA2ZG/W2AV)      Remote Sysop TA2EM BBS - first PRBBS in Turkiye
Amateur Packet Radio:    TA2ZG@TA2EM.#IST.TUR.EU
Internet (email only):   Michael C. McHugh <MichaelM@doruk.com.tr>
```

53. Re: [BBSSIG:2276] FBB - How do you hold large bulletins?

```
From: rsbaker@dove.mtx.net.au (Rodney S Baker)
Date: Wed, 14 Feb 96 12:55:44 EST
To: bbssig@tapr.org
Message-ID: <199602141257.XAA26060@dove.mtx.net.au>
Rendered body type: text/plain
```

On Tue, 13 Feb 1996 02:27:48 -0600 (CST) you wrote:

```
>I run the FBB software here and have tried using REJECT.SYS with the
>following line:
>#Type From @BBS To BID Maximum size
>H B * * * * 7000
>It doesn't work. Do any of you have a means of automatically holding
>any bulletin larger than 7K on an FBB system? All ideas will be
>appreciated.
>
```

Larry, you have one too many '*'s in your reject.sys line. Try the @BBS parameter is redundant. Try this...

```
H B      *      *      *      7000
```

It doesn't necessarily need tabs or multiple spaces - a single space between parameters will work. The tabs just help to keep each line formatted the same to make it easier to read. The size parameter *is* in bytes. Our policy for the HF gateways here in VK5 is to hold all bulletins larger than 10k for checking before forwarding. P-mail isn't held. Also all our user-access BBS's hold all locally-generated bulletins for checking by a sysop before forwarding. Unfortunately we've had a couple of incidents involving unsavoury messages from pirated call-signs :-(.

Cheers,
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | My other .sig file is boring too!
Email     : rsbaker@dove.mtx.net.au         |
=====
```

54. Re: [BBSSIG:2289] Re: Holding large bulletins...THANKS!

From: rsbaker@dove.mtx.net.au (Rodney S Baker)
Date: Wed, 14 Feb 96 13:00:20 EST
To: bbssig@tapr.org
Message-ID: <199602141302.XAA26567@dove.mtx.net.au>
Rendered body type: text/plain

On Wed, 14 Feb 1996 02:56:08 -0600 (CST) you wrote:

>Thanks to Clarke, K3WGF, and Joachim, DL8HBS, for the advise on
>how to hold large bulletins using FBB's REJECT.SYS.
>
>For the information of others, the value for "Maximum size" is in
>KILOBYTES. I was entering 7000, so was setting the maximum size at
>7 MEGAbytes. I have now set the value to 7 and it's working great.
>A 12k message has already been put on hold.
>

OK. I stuffed up. Please disregard my last post. I hadn't read this message yet <wipes egg of face and goes to re-read the FBB sysop manual...>

Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | My other .sig file is boring too!
Email     : rsbaker@dove.mtx.net.au         |
=====
```

55. Re: [BBSSIG:2279] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
Date: Wed, 14 Feb 1996 11:52:54 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960214114703.27184Q-100000@lantz.com>
Rendered body type: text/plain

On Tue, 13 Feb 1996, Charles Brabham wrote:

> At 06:18 PM 2/12/96 -0600, Brian Lantz wrote:
> (snip)
>
> >> You have to contend with LOTs of new guys, lots of guys with
> >> software/hardware problems, lots of hidden transmitters, and LOTs of users
> >> on the freq.
> >> Under those circumstances, ANY transmission of graphic or binary files
> >> should be avoided if at all possible.. Agreed?
> >
> >Agreed. We only disagree in implimentation. I am going to produce a spec
> >to actually *DO* this, and in it leave most of these kinds of details to
> >the implimentation.
>
> I don't completely agree that we disagree.. After reading through your

> reply, I get the impression that HTML already supports what I'm proposing,
> and to use my proposal only an agreement among hams to do so would be
> necessary.
> Is that correct?

Yes.

Let me clarify one thing though, before these two points get confused
more.....

There are TWO things involved with Web-types of communication. Hyper Text
Markup Language (HTML) is the language used WITHIN the documents. Hyper
Text Transfer Protocol (HTTP) is the method of transferring the documents.

HTML will require NO changes. HTTP *itself* won't change, but there will
be a slight adaptation to adapt it to AX25 Connects.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

56. Re: [BBSSIG:2289] Re: Holding large bulletins...THANKS!

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 14 Feb 1996 09:44:31 -0800
To: bbssig@tapr.org
Message-ID: <9602141746.AB18864@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 02:56 AM 2/14/96 -0600, you wrote:
>Thanks to Clarke, K3WGF, and Joachim, DL8HBS, for the advise on

>For Hank's information, I'm not rejecting the bulletins, only putting
>them on hold to forward when there's not a lot of other traffic to be
>sent out. When you're forwarding to 8 other BBSs at 1200 baud, a 10,
>15 or 20K bulletin can keep many other shorter bulletins from being
>forwarded on a timely basis.

The words used in the bulletin I replied to were "locked out."
We have several sysops in the Seattle area who "lock out" certain
bulletins and personal messages. This means that they toss them
right into the bit bucket. Thus my question, since the term "locked out"
was indeed used.

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM	

57. Re: [BBSSIG:2287] Re:FBB - How do you hold large bulletins?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 14 Feb 1996 09:44:28 -0800
To: bbssig@tapr.org
Message-ID: <9602141746.AA18864@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 07:06 PM 2/13/96 -0600, you wrote:
>
>W0RLI said;
>
>>By "locked out" do you mean you will fail to forward these tiny
>>bulletins? Could someone explain what is meant here by "rejecting"
>>them? Do they then land in the bit bucket? What response is given
>>to the sending system? My guess is that you folks are tossing these
>>bulletins right into the bit bucket.
>>
>
>Read Larrys message again Hank, he never said "Locked out".

Oh, I'm sorry. He said "reject". How is that different?
Rather than quibble about the terminology, how about responding
to my questions? Does it mean the bulletins will be dropped on

the floor instead of being made available for users to read?
Will they be forwarded to the next system down the line?

>His request was a way to defer forwarding to a secondary time slot.

It certainly did not sound that way.

Can someone clarify this in a bit more detail?

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM

58. Re: [BBSSIG:2278] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
Date: Wed, 14 Feb 1996 13:49:59 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960214134532.27184R-100000@lantz.com>
Rendered body type: text/plain

On Tue, 13 Feb 1996, Charles Brabham wrote:

> I wasn't very clear.. The transmitting of graphics referred to (above) is
> being done by the SERVER. The CLIENT browser may or may not know what to do
> with them, but that's not the point. The point is that these graphic files
> are being transmitted over the "saturated" AX25 net you mentioned.

Let me correct an error in understanding. The SERVER DOES NOT send *any*
file that is NOT requested of it. An HTML file is a simple text file,
that tells WHERE a graphic should go and WHERE the graphic file can be found.
The only time a graphics file is sent, is when the CLIENT requests from
the server a graphics file. A non-graphic browser NEVER requests any
graphics, hence never receives any.

> Brian Lantz disagrees that there is any need to do this, and on a high-speed
> IP LAN he's probably right.

I simply disagree with making it REQUIRED to do this. That is an
implimentation detail, NOT a specification detail.

Brian A. Lantz http://www.lantz.com brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

59. Re:FBB - How do you hold large bulletins?

From: Mike Fahmie <MPFahmie@lbl.gov>
Date: Wed, 14 Feb 1996 12:25:52 -0800
To: bbssig@tapr.org
Message-ID: <199602142026.MAA18185@mh1.lbl.gov>
Rendered body type: text/plain

WØRLI said;

>The words used in the bulletin I replied to were "locked out."
>We have several sysops in the Seattle area who "lock out" certain
>bulletins and personal messages. This means that they toss them
>right into the bit bucket. Thus my question, since the term "locked out"
>was indeed used.

Hank,
Larrys bulletin is [BBSSIG:2276], please read it, where do you see the phase
"locked out" ?

Could it be that you actually read Clarke's (K3WGF) response [BBSSIG:2282]
and mistakenly attributed the evil phrase to Larry? If so, I think that you
owe him an apology.

>Oh, I'm sorry. He said "reject". How is that different?
Yes, he used the word "REJECT", he identified the name of the file,
"REJECT.SYS", where he placed the HOLD statement.

Larry clearly stated the function he was attempting to achieve, initially and in his subsequent postings, even the subject line read "How do you HOLD large bulletins?".

>Rather than quibble about the terminology, how about responding
>to my questions?

I agree !! Larry did [BBSSIG:2289].

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

60. Re: Holding large bulletins

From: Paul Kearney <ei7gm@iol.ie>
Date: Wed, 14 Feb 1996 22:58:00 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960214225206.18720A@joyce.iol.ie>
Rendered body type: text/plain

Just in case,

If you're using FBB
if you start each line of the REJECT.SYS file with L
it will cause all LOCAL messages of a given type to be held.

This can be handy if you have the odd 'smart user'

L = local generated message Hold
H = Hold messages (Accept during forward but hold)
R = Reject when offered.

When used with the other fields in each line , most expected
combinations of 'iffy' messages can be trapped.

73 Paul 7gm

61. Re: [BBSSIG:2286] Re: FBB - How do you hold large bulletins?

From: Wayne Harrell <wharrell@surfsouth.com>
Date: Wed, 14 Feb 1996 18:05:03 -0500
To: bbssig@tapr.org
Message-ID: <199602142305.SAA19827@cindy.surfsouth.com>
Rendered body type: text/plain

At 05:21 PM 2/13/96 -0600, you wrote:
>At 11:30 AM 2/13/96 -0600, you wrote:
>>On Tue, 13 Feb 1996 lkenney@slip.net wrote:
>>
>>> As sysop of the W6PW BBS in San Francisco, I've been seeing lots of
>>> bulletins coming through lately that are quite large - 10, 15, even
>>> up to 20K. Since these bulletins are causing a major slowdown of
>>> the forwarding to other BBSs, I'd like to have them be automatically
>>> put on hold when they arrive, and then I could release them when the
>>> other bulletins have been forwarded and the traffic load is light.
>>>
>>> I run the FBB software here and have tried using REJECT.SYS with the
>>> following line:
>>> #Type From @BBS To BID Maximum size
>>> H B * * * * 7000
>>> It doesn't work. Do any of you have a means of automatically holding
>>> any bulletin larger than 7K on an FBB system? All ideas will be
>>> appreciated.
>>>
>>> 73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
>>> lkenney@slip.net
>>> San Francisco
>>>
>>>

There is a feature in the FBB forward file that allows you to forward
smaller first,
only personal or only messages of a particular size or lower.

The command in the fwd file is

T S = Send small first

T P = Send Private
T 5 = send only messages 5k or smaller.

Hope this helps, its in the forward section of the docs where its describing the commands you can use in the fwd file...

73
Wayne Harrell - WD4LYV
wharrell@surfsouth.com

wd4lyv @ wd4lyv.#sga.ga.usa.noam
Sycamore Georgia

62. Re: [BBSSIG:2289] Re: Holding large bulletins...THANKS!

From: Paul Kearney <ei7gm@iol.ie>
Date: Wed, 14 Feb 1996 23:14:34 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960214230213.18720B-100000@joyce.iol.ie>
Rendered body type: text/plain
> 15 or 20K bulletin can keep many other shorter bulletins from being
> forwarded on a timely basis.
>

Hello again

To give preference to smaller messages.
(remember P always goes before B on an FBB)

In the approp. section of forward.sys file put " T S "

The doc says you can combine S with different sizes too.

e.g. " T S 5 " = Smaller ones first but not above 5.999K.

Then if you stick in a time IF statement...

```
T S
IF H 3-9
  T S 5
ENDIF
```

= normally Smaller ones first but during 0300 to 0959 limit=5.999k

I think ELSE can also used in the IF ENDIF clause.

the hours are 0 ,1,2,3,4...23

Personal message ONLY is given by " T P "

again " T P 5 " = personal msgs only upto 5.999k

but, please remember not to put the actual routing part of
your forward file between the IF H ... ENDIF lines
or your forwarding-paths will notice a difference in
mail-levels.

Here in EI a certain station apparently sent out large bulletins
in order to 'plug' a link because he knew that a certain @BBS field
was given priority on the bulletin list and so a 20-30k message
was sent out to plug the fwd path for a while .

Use of IF H .. ENDIF and U and T nailed that one !

To give priority to certain @BBS buletins use the U fwd-line
e.g. U EU WW AMSAT = send EU then WW then amsat bulletins
regardless of size.
Use a T line to then govern size !

73
paul
7gm

63. Re: [BBSSIG:2294] Re: Holding large bulletins...THANKS!

From: "Clarke L. Diekmann" <diekmann@crl.com>
Date: Wed, 14 Feb 1996 17:23:57 -0800 (PST)

To: bbssig@tapr.org
Message-ID: <Pine.SUN.3.91.960214171658.24612C-100000@crl10.crl.com>
Rendered body type: text/plain

On Wed, 14 Feb 1996, Hank Oredson wrote:

> The words used in the bulletin I replied to were "locked out."

So swat me a thousand times over... that was MY terminology not the originator's. I was refering to locking out the forwarding of such messages and not B-locking their receipt. If the "H" parm were an "R" then he would be refusing receipt on any message larger than 7KB.

So tie my toungue and finger tips down to the log and beat them to death!!

IF he wants to REJECT bulletins larger than even ONE Kb I guess he has the right to do so... Fortunately we don't see too many toad-stranglers down this way... I guess the good guys filter 'em out.... HI!!!

73, Clarke, K3WGF

64. Re: [BBSSIG:2291] Re: FBB - How do you hold large bulletins?

From: "Clarke L. Diekmann" <diekmann@crl.com>
Date: Wed, 14 Feb 1996 17:15:02 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <Pine.SUN.3.91.960214171359.24612B-100000@crl10.crl.com>
Rendered body type: text/plain

On Wed, 14 Feb 1996, Rodney S Baker wrote:

> On Tue, 13 Feb 1996 02:27:48 -0600 (CST) you wrote:
>
> Larry, you have one too many '*'s in your reject.sys line. Try the
> @BBS parameter is redundant. Try this...
>
> H B * * * 7000

HUH?? Works for me.....

Clarke

65. Latest YAPP protocol specs?

From: Stan Huntting <stan@mutadv.com>
Date: Wed, 14 Feb 1996 19:41:24 -0700
To: bbssig@tapr.org
Message-ID: <199602150241.TAA19173@lynx.csn.net>
Rendered body type: text/plain

I'm looking for design specifications for the YAPP transfer protocol as it is most often currently implemented. I trust that includes restartable transfers. Can anyone suggest a lead for me in my search?

Thanks and 73,

Stan

Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: <http://www.mutadv.com/kawin/>
KaWin FTP Site: ftp.csn.net in the directory /kawin

66. More REJECT.SYS

From: "Michael C. McHugh (TA2ZG/W2AV)" <michaelm@doruk.com.tr>
Date: Wed, 14 Feb 96 17:02:36
To: bbssig@tapr.org
Message-ID: <9602141717.aa16219@bbs.doruk.com.tr>
Rendered body type: text/plain

On Tue, 13 Feb 1996 Roberto Bastidas-Buch <ROBERTO.BASTIDAS@itu.ch> wrote:

<snip>

>It may be a simple question but this is my first try at this SIG, the
>documentation of FBB 5.15c is not too friendly and about the REJECT.SYS
>file I have not been able to make it reject duplicated BID. I would
>really appreciate it any help.

Hello, Roberto -

The REJECT.SYS file is not normally used to reject duplicated BIDs. WFBID.SYS handles that automatically, by recording the BIDs of all messages received, up to the limit you set (default 3000) in INIT.SRV. You could program REJECT.SYS to reject (or hold) a specific BID if you wanted to, but it would be an unusual thing to do. Some people use REJECT.SYS to hold mail originated at certain BBS's. I recently added a line to my REJECT.SYS file with ON6AR_* in the BID column to hold messages originated at that BBS - a pirate near there was entering 'offensive' bulletins and the sysop was not responding to requests to control it.

Roberto, there is a better place to ask your FBB questions. Send a message to f6fbb-list@phx-az.com with the subject "subscribe" (no quotes.) It's a mail reflector concerned only with FBB and related software. This SIG is more general in nature.

Good luck! 73 -

de Mike (TA2ZG/W2AV) Remote Sysop TA2EM BBS - first PRBBS in Turkiye
Amateur Packet Radio: TA2ZG@TA2EM.#IST.TUR.EU
Internet (email only): Michael C. McHugh <MichaelM@doruk.com.tr>

67. Re: [BBSSIG:2303] Latest YAPP protocol specs?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 15 Feb 1996 05:36:31 -0700
To: bbssig@tapr.org
Message-ID: <199602151236.FAA18045@acca.nmsu.edu>
Rendered body type: text/plain

Yapp as bundled with the f6fbb bbs version 5.15c has the yapp with restartable transfers. I have the dos program yapp2 which works well but not certain it restarts. I can file attach it to you.

73, karl

At 08:44 PM 2/14/96 -0600, you wrote:
>I'm looking for design specifications for the YAPP transfer protocol as it
>is most often currently implemented. I trust that includes restartable
>transfers. Can anyone suggest a lead for me in my search?
>
>Thanks and 73,
>
>Stan
>
>Stan Huntting, KF0IA
>Postal Address: 4655 Pleasant Ridge Rd.,
> Boulder, CO 80301-1731, USA
>email: stan@mutadv.com
>KaWin Home Page: http://www.mutadv.com/kawin/
>KaWin FTP Site: ftp.csn.net in the directory /kawin
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

68. Re: [BBSSIG:2305] Re: Latest YAPP protocol specs?

From: Stan Huntting <stan@mutadv.com>
Date: Thu, 15 Feb 1996 07:35:46 -0700
To: bbssig@tapr.org
Message-ID: <199602151435.HAA17953@lynx.csn.net>
Rendered body type: text/plain

At 06:50 02/15/96 -0600, you wrote:

> Yapp as bundled with the f6fbb bbs version 5.15c has the yapp with
>restartable transfers. I have the dos program yapp2 which works well but not
>certain it restarts. I can file attach it to you.

Thanks Karl, but it's not the program I'm after, it's the programming specifications. Perhaps I didn't make the sufficiently clear, I want to add the current YAPP protocol to my own program, KaWin. If there are detailed protocol specs in the YAPP2 documents, I would be very interested in those. Thanks and 73.

Stan

Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: <http://www.mutadv.com/kawin/>
KaWin FTP Site: <ftp.csn.net> in the directory /kawin

69. Re: [BBSSIG:2293] Re: BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
Date: Thu, 15 Feb 1996 21:44:10 -0600
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960216034410.0067431c@texoma.com>
Rendered body type: text/plain

At 11:04 AM 2/14/96 -0600, Brian Lantz wrote:

>Let me clarify one thing though, before these two points get confused
>more.....
>
>There are TWO things involved with Web-types of communication. Hyper Text
>Markup Language (HTML) is the language used WITHIN the documents. Hyper
>Text Transfer Protocol (HTTP) is the method of transferring the documents.
>
>HTML will require NO changes. HTTP *itself* won't change, but there will
>be a slight adaptation to adapt it to AX25 Connects.
>

That sounds really excellent, Brian. And thanks for the information, not to mention the work you are putting into this!

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail: n5pvl@texoma.com
Page: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

70. Re: [BBSSIG:2296] Re: BBS Software Wish List:

From: Charles Brabham <n5pvl@texoma.com>
Date: Thu, 15 Feb 1996 21:44:12 -0600
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960216034412.00668938@texoma.com>
Rendered body type: text/plain

At 12:58 PM 2/14/96 -0600, Brian Lantz wrote:

>Let me correct an error in understanding. The SERVER DOES NOT send *any*
>file that is NOT requested of it. An HTML file is a simple text file,
>that tells WHERE a graphic should go and WHERE the graphic file can be found.
>The only time a graphics file is sent, is when the CLIENT requests from
>the server a graphics file. A non-graphic browser NEVER requests any
>graphics, hence never receives any.

I would imagine everybody will want a graphic browser, although there's something to be said for having a (software) graphics "switch" in the browser, allowing you to go over to non-graphic mode at any time.. If I understand you correctly, this would let hams chose to see graphics or not, by specifying whether they'll be requested by thier station. That would be pretty handy, if not too hard to do.
For example, if you wanted to run your packet browser in a small window while you did other things elsewhere on the screen, it might work better with no graphics.
If want to connect to a station where the operator habitually changes his graphics, you could "switch off" graphics for a speed advantage.
Generally, when exploring around the network to see what's available, you end up connecting to many new stations and servers.. It sure would speed things up!
New hams or hams who travel could browse the local servers during busy times without being obtrusive, and here again the speed advantage would be nice.
There are also a lot of laptops, ect with small, B/W screens.

When you're ready to enjoy the graphics again, just switch them back on.

>
>> Brian Lantz disagrees that there is any need to do this, and on a high-speed
>> IP LAN he's probably right.
>
>I simply disagree with making it REQUIRED to do this. That is an
>implimentation detail, NOT a specification detail.
>

As long as the spec allows it, I don't see any conflict. I agree it is (and should be) an implimentation detail.

I don't see any reason it should be required. My idea is intended as a "band aid" for situations (crowded, slow links) where normally NO GRAPHICS would be practical if they had to be transmitted seperately to all the users of a server.

For those who enjoy less crowding and/or better throughput, no "band aid" would be necessary of course.
This may possibly represent 10 to 20 percent of the total packet net though, and I believe I'm being wildly optimistic with *that* figure.

One possible way to give ourselves more flexibility with graphics for HTML packet would be to offer different levels of graphic content as "language options" on the server itself. This way users could choose "custom,standard,or no graphics", allowing them to tailor the graphic content to the quality of thier individual link to the server and whether they had the standard graphic filename/function set or not.
If it was approached this way, the client browser would not need the "no graphics" switch I mentioned above, at least when communicating with that particular server. It would still need it occasionally for stations and servers with no "language options".

Another advantage to having "language options" is a they are good idea on any server software which is likely to be used by a population of hams who may speak several different languages. There are places even here in the United States where Spanish, French, and other languages are offered as an option by FBB BBS's, which have this capability. Overseas this capability is vital if the software is to see widespread use.

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-Mail: n5pvl@texoma.com
Page: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

71. Re: [BBSSIG:2308] Re: BBS Software Wish List:

From: "Brian A. Lantz" <brian@lantz.com>
Date: Fri, 16 Feb 1996 09:27:42 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960216092550.3950L-100000@lantz.com>
Rendered body type: text/plain

On Thu, 15 Feb 1996, Charles Brabham wrote:

> At 12:58 PM 2/14/96 -0600, Brian Lantz wrote:
>
> >Let me correct an error in understanding. The SERVER DOES NOT send *any*
> >file that is NOT requested of it. An HTML file is a simple text file,
> >that tells WHERE a graphic should go and WHERE the graphic file can be found.
> >The only time a graphics file is sent, is when the CLIENT requests from
> >the server a graphics file. A non-graphic browser NEVER requests any
> >graphics, hence never receives any.
>
> I would imagine everybody will want a graphic browser, although there's
> something to be said for having a (software) graphics "switch" in the
> browser, allowing you to go over to non-graphic mode at any time..
> If I understand you correctly, this would let hams chose to see graphics or
> not, by specifying whether they'll be requested by thier station. That would
> be pretty handy, if not too hard to do.

All of the Internet browsers that I know of have this capability, though it is usually hidden on a config page off of a menu....

> If want to connect to a station where the operator habitually changes his
> graphics, you could "switch off" graphics for a speed advantage.

Yes....

> Generally, when exploring around the network to see what's available, you
> end up connecting to many new stations and servers.. It sure would speed
> things up!

Yes....

Brian A. Lantz http://www.lantz.com brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

72. Re: [BBSSIG:2304] More REJECT.SYS

From: Roberto Bastidas-Buch <ROBERTO.BASTIDAS@ITU.CH>
Date: Fri, 16 Feb 1996 21:47:13 +0100 (MET)
To: inet <bbssig@tapr.org>
Message-ID: <Pine.3.89.9602162115.A13616-0100000@ties.itu.ch>
Rendered body type: text/plain

On Thu, 15 Feb 1996, Michael C. McHugh (TA2ZG/W2AV) wrote:

```
> On Tue, 13 Feb 1996 Roberto Bastidas-Buch <ROBERTO.BASTIDAS@itu.ch> wrote:
>
> <snip>
> >It may be a simple question but this is my first try at this SIG, the
> >documentation of FBB 5.15c is not too friendly and about the REJECT.SYS
> >file I have not been able to make it reject duplicated BID. I would
> >really appreciate it any help.
>
> Hello, Roberto -
>
> The REJECT.SYS file is not normally used to reject duplicated BIDs.
> WFBID.SYS handles that automatically, by recording the BIDs of all
> messages received, up to the limit you set (default 3000) in INIT.SRV.
> You could program REJECT.SYS to reject (or hold) a specific BID if
> you wanted to, but it would be an unusual thing to do. Some people
> use REJECT.SYS to hold mail originated at certain BBS's. I recently
> added a line to my REJECT.SYS file with ON6AR_* in the BID column to
> hold messages originated at that BBS - a pirate near there was entering
> 'offensive' bulletins and the sysop was not responding to requests to
> control it.
>
> Roberto, there is a better place to ask your FBB questions. Send a
> message to f6fbb-list@phx-az.com with the subject "subscribe" (no
> quotes.) It's a mail reflector concerned only with FBB and related
> software. This SIG is more general in nature.
>
> Good luck! 73 -
>
> de Mike (TA2ZG/W2AV)      Remote Sysop TA2EM BBS - first PRBBS in Turkiye
> Amateur Packet Radio:    TA2ZG@TA2EM.#IST.TUR.EU
> Internet (email only):   Michael C. McHugh <MichaelM@doruk.com.tr>
>
>
Mike:
```

Thank you very much for the tip, I will try inmediately. Thank you for the address for the f6fbb as well.
73, Roberto

73. Re: [BBSSIG:2303] Latest YAPP protocol specs?

From: Marco Savegnago <m-save@mbox.vol.it>
Date: Sun, 18 Feb 1996 18:43:36 +0100
To: bbssig@tapr.org
Message-ID: <31276548.45D0@mbox.vol.it>
Rendered body type: text/plain

Stan Huntting wrote:

```
>
> I'm looking for design specifications for the YAPP transfer protocol as it
> is most often currently implemented. I trust that includes restartable
> transfers. Can anyone suggest a lead for me in my search?
>
> Thanks and 73,
>
> Stan
```

Hi Stan, following there is the latest specification about Yapp, first

as introduced by WA7MBL and then the changes made by F6FBB and F1EBN.

Ciao!

Marco IW3FQG

YAPP(tm) protocol for Packet Radio binary file transfer

(c) 1986, Jeff Jacobsen - WA7MBL

Revision 1.1 06/23/86

YAPP PACKET TYPES

Size of packet data ranges from 2-258 bytes.

len = length of following bytes (not including len)

RR Rcv_Rdy	ACK	01	
RF Rcv_File	ACK	02	
AF Ack_EOF	ACK	03	[1.1]
AT Ack_EOT	ACK	04	[1.1]
SI Send_Init	ENQ	01	
HD Send_Hdr (Opt)	SOH	len	(Filename) NUL (File Size in ASCII) NUL
DT Send_Data	STX	len	(Data) {if len=0 then data length = 256}
EF Send_EOF	ETX	01	
ET Send_EOT	EOT	01	
NR Not_Rdy	NAK	len	(Optional Reason in ASCII)
RE Resume	NAK	len	R NULL (File size in ASCII) NULL
CN Cancel	CAN	len	(Optional Reason in ASCII)
CA Can_Ack	ACK	05	

{Following are for use in Server mode}

RI Rcv_Init	ENQ	02	len	(Filespec requested - wildcard allowed)
TX Text server}	DLE	len	(ASCII text for display)	{to send text from

{Unimplement - Reserved for Server Commands}

UU Comands	ENQ	03
	ENQ	04
	ENQ	05
	...	
	ENQ	FF

STATE TABLES for SEND

State	Send Pkt	Upon	Next State
S (Send)	SI	RR	SH
		RF	SD
		NR	Start/Done
		First few timeouts	S
		RI	S

		Other/Timeout	Abort
SH (Hdr)	HD	RF	SD
IF (RESUME)		NR	Start/Done
then SD		RE	Move file position
		Other/Timeout	Abort
SD (Data)	DT	(Not EOF)	SD
		(EOF)	SE
SE (EOF)	EF	AF (More files)	SH
		AF (No More Files)	ST
		Other/Timeout	Abort
ST (EOT)	ET	AT	Start/Done
		Other/Timeout	Start/Done

STATE TABLES for RECEIVE

State	On	If	Do	Send Pkt	Next State
R (Rec)	SI (ready)			RR	RH
	SI (opt)*		open file	RF	RD
	SI (not ready)			NR	Start/Done
	NR				Start/Done
	Other/Timeout				Abort
(opt)* If header info not desired it is ok to open file and indicate ready for file					
RH (Hdr)	HD		open file	RF	RD
	HD (no room)			NR	Start/Done
IF (RESUME)	HD Already have file!		open file for append at -256 byte from EOF	RE	RD
ELSE	HD Already have file!!			NR	Start/Done
	SI				RH
	ET			AT	Start/Done
	Other/Timeout				Abort
RD (Data)	DT		store data		RD
	EF		close file	AF	RH
	Other/Timeout				Abort

OTHER STATE

Any State except CW	On CN	Send CA	Start/Done
CW (Can_Wait)	On CA		Start/Done
	On CN	Send CA	CW
	Timeout	Display Err Msg	Start/Done
Abort		Send CN	CW

Starting States

For 2 users not using Remote Server

Sender goes to State S, Receiver to State R after manually exchanging file names. Since File Name is known, Receiver may optionally send RF from state R and bypass file header.

Sender should give Receiver ample time to get into Receive State.

For Remote Server Mode

USER (Start)		Next State
User wishing to Send		S
User wishing to Receive	Send RI	R
Other Server Request	Send COMMAND	Start
SERVER (Start)		
Gets SI		R
Gets RI	(file fnd)	S
	(no file) Send NR	Start
Gets COMMAND	(Do Command)	Start

All states except Send Data should timeout if nothing is heard for a period of time Tc (Crash timer). Send Data isn't expecting any input and if it should receive some it must be a Cancel, or a TX (text) packet, otherwise Abort.

Revision 1.1 - Added AF & AT to acknowledge End of File and End of Transfer. This allows an automated sender to know that a file was received successfully. It also helps get past a problem in the TNC-2 code by requiring the sender to wait for the Ack-EOT before switching from transparent mode back to converse mode.

RESUME

The new state introduced from FC1EBN in TPK are explained and is inserted in state table for receive and send a file.
Note that it's valid only if RESUME is true. This will imply or not the cancellation of file in case of transfer abort.
This metode is ok for resume a file transfert but it have some limit if the two station hasn't the same RESUME state ON or OFF or not!

1st example:

A is a sender with RESUME OFF and B is receiver with RESUME ON.
A initiate transfer with B and at certain time this will abort.
In this case B (RESUME ON) don't erase the file and retry to download from A.
Now the transfer always abort because B that already have a part of file request the resume that A interpret as Abort.

2nd example:

A is a sender and B is receiver both with resume ON.
Today B download PINCO.ZIP (1st version, 10KByte) from A.
Tomorrow in A there is the same filename but with lenght changed due a new version of program (PINCO.ZIP 2nd version, 11Kbyte).
If B never delete the previous version of PINCO.ZIP from download directory
the last 1000 byte of new file are append to the 10000 of the old one
make
simply caos!!
This because Yapp never check if it is the same file (eg comparing filedate and time).
YappC extension introduced in F6FBB BBS 5.14

When a user request a resume of a previuos file transfer, every Yapp frame
long pklen byte is followed from a simple checksum byte.

So during a resume a Yapp Send_Data frame is:

STX len (Data) chksum

If len = 0 then data lenght = 256, note that len not include chksum byte
and
this is the checksum of Data byte.

21/5/92

Extensions to the Yapp protocol used in TPK v 1.65a and FBB v 5.14

HEADER extension:

The header now carry the DATE and TIME of the file being transmitted.

[SOH] [Len] [Filename] [NUL] [File Size] [NUL] [Date] [Time] [NUL]

Date and Time are the values reported by DOS, coded in 4 hexadecimal
characters and sent in ASCII.

Receiver has the choice to use extended Yapp with checksum or normal
Yapp.

- Normal Yapp reply is RF as before and the receiver can keep the
date and time information .

- Extended Yapp reply is : RT Receive_TPK
and is coded : [ACK] [ACK]

If receiver reply is RT the protocol used will be what i have called
YappC
for Yapp with checksum. When sender get this packet he MUST use YappC.

Data Packets extension:

If receiver reply is RT the protocol used will be YappC. The checksum
allow
detection of packets corrupted along the link, particularly on the RS232
lines where there is no error control or correction (or very poor !)...

Data packets : [STX] [Len] [Datas] [Checksum]

Checksum is the sum of all datas bytes on 8 bits like Xmodem.
If checksum is bad receiver must send a Cancel and go in the CW state.

Transfer Resuming:

A new field has been added to the resume reply to tell sender if
receiver
can use YappC or not.

- Resume reply for Yapp: (as used before by TPK and FBB)

```
[NAK] [Len] [R] [NUL] [Received Length] [NUL]
      I   I           I
      I   I           +-- in ASCII as in the header
      I   +-- as Resume !
      I
      +----- len of the following bytes
```

- Resume reply for YappC:

```
[NAK] [Len] [R] [NUL] [Received Length] [NUL] [C] [NUL]
                        I
                        Tell sender i can go in YappC -----+
```

When sender get this packet he must use YappC.

74. Re: [BBSSIG:2311] Re: Latest YAPP protocol specs?

From: Stan Huntting <stan@mutadv.com>
Date: Sun, 18 Feb 1996 14:59:56 -0700

To: bbssig@tapr.org
Message-ID: <199602182159.OAA18480@lynx.csn.net>
Rendered body type: text/plain

At 11:55 02/18/96 -0600, you wrote:

>Hi Stan, following there is the latest specification about Yapp, first
>as introduced by WA7MBL and then the changes made by F6FBB and F1EBN.

Primo, Marco! Thank you very much and 73,

Stan

Stan Huntting, KF0IA
Postal Address: 4655 Pleasant Ridge Rd.,
Boulder, CO 80301-1731, USA
email: stan@mutadv.com
KaWin Home Page: <http://www.mutadv.com/kawin/>
KaWin FTP Site: ftp.csn.net in the directory /kawin

75. Re: [BBSSIG:2213] For Mike, KA3NVP, re: FBB files

From: mgross@telerama.lm.com (Michael Gross)
Date: Mon, 26 Feb 1996 09:59:00 -0500
To: bbssig@tapr.org
Message-ID: <199602261459.JAA14658@ivory.lm.com>
Rendered body type: text/plain

Hi Larry...
Ok, will do. I thought my address would be in my "from" to you..
Address is:
mgross@telerama.lm.com

Thanks!!
Mike, KA3NVP

>Hi Mike...
>
>You'll need to send me your e-mail address if you want me to send the
>FBB files to you. You didn't include it in your message. The files
>are much too long to send via packet.
>
>Please respond direct: lkenney@slip.net
>
>This same request goes to any others wanting the FBB ENGLISH.TXT and
>ENGLISH.HLP files. Please contact me direct rather than via the
>server, and make sure you include your e-mail address. Thanks.
>
>73, Larry, WB9LOZ
>
>
>
>

Michael Gross, KA3NVP

76. FBB for windows

From: "Michael A. Burke" <mburke@ns.entel.net>
Date: Tue, 27 Feb 1996 15:59:13 -0400
To: bbssig@tapr.org
Message-ID: <9602271229.AA17180@ns.entel.net>
Rendered body type: text/plain

Anybody have a source for FBB for Windows? Or an internet address
for the author? I would like to contact the author/distributor

Thanks.

Mike - cp5vw -

Thought for the day:
Bagpipes (n): an octopus wearing a kilt.

... Mike

77. Special Users

From: n8xsf <n8xsf@ix.netcom.com>
Date: Tue, 27 Feb 1996 17:56:22 -0500
To: F6fbb-List@Phx-Az.Com
Cc: bbssig@tapr.org
Message-ID: <199602272256.0AA29534@ix14.ix.netcom.com>
Rendered body type: text/plain

I have a Blind packet user whom is looking for a terminal program to use with a speech synthesized program in DOS.

Has anyone a user with these special needs? If so, what configuration are they using and where can we purchase/obtain this software?

Thanks in advance!

Steve N8XSF
SysOp@W8HHF.#TOL.OH.USA.NA
n8xsf@ix.netcom.com

78. Re: [BBSSIG:2315] Special Users

From: Sid Ashen-Brenner <sashen@midusa.net>
Date: Tue, 27 Feb 1996 18:58:27 -0600
To: bbssig@tapr.org
Message-ID: <199602280058.SAA13691@services.midusa.net>
Rendered body type: text/plain

At 05:15 PM 2/27/96 -0600, you wrote:

>I have a Blind packet user whom is looking for a terminal program to use
>with a speech synthesized program in DOS.

>

>Has anyone a user with these special needs? If so, what configuration are
>they using and where can we purchase/obtain this software?

>

>Thanks in advance!

>

>Steve N8XSF
>SysOp@W8HHF.#TOL.OH.USA.NA
>n8xsf@ix.netcom.com

Hi Steve,

While I don't have any blind users, I do know of a blind ham that is extremely active on several computer modes, including (I believe) packet

K4YSN Tandy Way
Internet address (one of many) : tandyway@gate.net

He's extremely active in several Amateur Radio forums on the Fido BBS network, and I think I've "seen" him elsewhere as well.

73 de Sid n0obm @ n0obm.#ncks.ks.usa.noam

- - - - -
Sid Ashen-Brenner (n0obm) Packet: n0obm @ n0obm.#ncks.ks.usa.noam
Salina Regional Health Center Fidonet: 1:295/6 Salina Packet Systems BBS

Salina, Kansas 67401

sashen@midusa.net

79. Re: [BBSSIG:2314] FBB for windows

From: Dean R Madsen <dmadsen@iastate.edu>
Date: Tue, 27 Feb 1996 19:26:18 CST
To: bbssig@tapr.org
Message-ID: <9602280126.AA15417@pv6f26.vincent.iastate.edu>
Rendered body type: text/plain

>Anybody have a source for FBB for Windows?

There will be an "evaluation" version of WinFBB released for widespread beta testing for those that wish to participate, but the evaluation version has not been released yet.

>

>Or an internet address
>for the author? I would like to contact the author/distributor

>

F6FBB is not on the internet. His postal address should appear on the opening screen.

If you have a technical question, someone on this SIG or the FBB mailing list

may be able to provide an answer.

73,
Dean - KE0W0

```
+++++
+ Dean R Madsen, KE0W0                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy      +
+      ke0wo@iastate.edu                    Ames, Iowa                +
+ AX25: KE0W0 @ KE0W0.#WIA.IA.USA.NA      FBB Beta tester           Cellist +
+      Secretary for the Tristate Amateur Packet Association          +
+      Treasurer for the Cyclone Amateur Radio Club                   +
+++++
```

80. HF Forwarding

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 28 Feb 1996 05:44:04 -0700
To: bbssig@tapr.org
Message-ID: <199602281244.FAA09989@acca.nmsu.edu>
Rendered body type: text/plain

I got a sysop message from Rene', F6CDD and he said he is QRV on PSK packet radio 1200 baud on 14.107 and 21.107 MHz. He is too far away for band condx here in New Mexico, but guys on the East Coast can make it I think. And if they can make it I can make them....

But I don't have a PSK 1200 baud modem. Never heard of such a thing. I sent a packet message back to Rene' but you know how that is...I hope this one works. Does anyone know anything about the HF PSK modem?

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

81. Re: [BBSSIG:2318] HF Forwarding

From: "Stan Vandiver" <kd9be@nitco.com>
Date: Wed, 28 Feb 1996 12:34:55 +0000
To: bbssig@tapr.org
Message-ID: <9602281830.AA12853@aegis.nitco.com>
Rendered body type: text/plain

> I got a sysop message from Rene', F6CDD and he said he is QRV on PSK
> packet radio 1200 baud on 14.107 and 21.107 MHz. He is too far away for band
> condx here in New Mexico, but guys on the East Coast can make it I think.
> And if they can make it I can make them....

>
> But I don't have a PSK 1200 baud modem. Never heard of such a thing.
> I sent a packet message back to Rene' but you know how that is...I hope this
> one works. Does anyone know anything about the HF PSK modem?
>

Hi Karl,

Just a guess here: PSK is probably Phase Shift Keying (indirect FM). More importantly though, is that Part 97 says we can't go faster than 300 baud below the 10 meter band.

73, Stan/KD9BE
email: kd9be@nitco.com
www: <http://www.nitco.com/users/kd9be/>
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

82. Re: [BBSSIG:2319] Re: HF Forwarding

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 28 Feb 1996 14:15:27 -0700
To: bbssig@tapr.org
Message-ID: <199602282115.OAA20495@acca.nmsu.edu>
Rendered body type: text/plain

At 12:54 PM 2/28/96 -0600, you wrote:

>
>> I got a sysop message from Rene', F6CDD and he said he is QRV on PSK
>> packet radio 1200 baud on 14.107 and 21.107 MHz. He is too far away for band
>> condx here in New Mexico, but guys on the East Coast can make it I think.
>> And if they can make it I can make them....

>>
>> But I don't have a PSK 1200 baud modem. Never heard of such a thing.
>> I sent a packet message back to Rene' but you know how that is...I hope this


```
>> one works. Does anyone know anything about the HF PSK modem?
>>
>
>Hi Karl,
>
>Just a guess here: PSK is probably Phase Shift Keying (indirect FM).
>More importantly though, is that Part 97 says we can't go faster than
>300 baud below the 10 meter band.
>
>73, Stan/KD9BE
>email: kd9be@nitco.com
>www: http://www.nitco.com/users/kd9be/
>ax25: kd9be@n9ofr.#nwin.in.usa.noam
>ampr: kd9be@kd9be.ampr.org [44.48.10.8]
>
>
True but we can ask for and I think get a special permit to
"experiment" with 1200 baud. That is how we got 300 baud last time...long
experiment.
```

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

83. Re: [BBSSIG:2319] Re: HF Forwarding

```
From: "Gwyn Reedy, W1BEL" <gwyn@paccomm.com>
Date: Wed, 28 Feb 1996 18:12:38 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960228181123.17150B-100000@paccomm>
Rendered body type: text/plain
```

On Wed, 28 Feb 1996, Stan Vandiver wrote:

```
> Hi Karl,
>
> Just a guess here: PSK is probably Phase Shift Keying (indirect FM).
> More importantly though, is that Part 97 says we can't go faster than
> 300 baud below the 10 meter band.
>
> 73, Stan/KD9BE
> email: kd9be@nitco.com
> www: http://www.nitco.com/users/kd9be/
> ax25: kd9be@n9ofr.#nwin.in.usa.noam
> ampr: kd9be@kd9be.ampr.org [44.48.10.8]
```

I don't think the latest revision has that restriction any longer. There was a posting a couple of months ago about that on one of the SIGS. Anyone else remember?

Gwyn Reedy, W1BEL ----- gwyn@paccomm.com ----- W1BEL@amsat.org -----

PacComm Packet Radio Systems, Inc. +(813) 874-2980 Fax:+(813) 872-8696
4413 N. Hesperides St. BBS: +(813) 874-3078 (V.34)
Tampa, FL 33614-7618 USA info@paccomm.com http://www.paccomm.com

84. bbs info

```
From: Doug Cole <dcole@on-ramp.ior.com>
Date: Wed, 28 Feb 1996 18:52:52 -0800 (PST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960227212305.4776B-100000@on-ramp.ior.com>
Rendered body type: text/plain
```

I am possibly going to accept sysop position for a local club bbs that uses my passive packet repeater, my question is does anyone have any input as to what books that I might read or tapr files I might download or elsewhere that would help me with this task, I am no stranger to computers but have not ran any bbs' landline or rf. so I am in need of some background reading and am not sure where to start (this is besides the documentation that is included with the fbb software) before diving into the actual bbs software itself.
Any words for the wise?
All input would be very much appreciated.
tnx in advance...

1		1
1	Doug Cole N7BFS	1
1	amsat member # 26182	1
1	dcole@onramp.ior.com	1
1	spokane,wa	1
1		1

85. Re: [BBSSIG:2322] bbs info

From: Russell Gauthier <N5EJS@linknet.net>
Date: Wed, 28 Feb 1996 22:54:10 -0600
To: bbssig@tapr.org
Message-ID: <19960229060350296.AAA120@dsrvalex2-3.linknet.net>
Rendered body type: text/plain

At 09:00 PM 2/28/96 -0600, you wrote:

>
>I am possibly going to accept sysop position for a local club bbs that
>uses my passive packet repeater, my question is does anyone have any
>input as to what books that I might read or tapr files I might download
>or elsewhere that would help me with this task, I am no stranger to

Snip Snip

>
>

l		l
l	Doug Cole	N7BFS
l	amsat member	# 26182
l	dcole@onramp.ior.com	
l	spokane,wa	
l		

>

I too would like to see any recommendations for the above. Seems like there should be something close to a "How To Be A Packet SysOp" some where regardless of the software used. I guess this could be a "Can of Worms" type thing but I hope not. I'm always saving messages from here just for that purpose it seems. But it's hard to find the info when you want it in this manner.

de N5EJS
Russ in LA.

86. Re: [BBSSIG:2322] bbs info

From: n8xsf <n8xsf@ix.netcom.com>
Date: Thu, 29 Feb 1996 00:30:48 -0500
To: bbssig@tapr.org
Message-ID: <199602290529.VAA18456@ix7.ix.netcom.com>
Rendered body type: text/plain

I just took the software the my club was running and made it work! From that point, I took over the sysoping duties. I figured that if I could make it work right from scratch, then I could keep it running and working properly. Plus the neighbor sysops are a big help when it comes down to the "What the heck is going on now?" syndrome!

73's and good luck!

Steve N8XSF

ps, I have been running F6FBB 5.15c w/BPQ 4.07a successfully for a year now with two major problems worked out easily. (with all the support that is available)

At 09:00 PM 2/28/96 -0600, you wrote:

>
>I am possibly going to accept sysop position for a local club bbs that
>uses my passive packet repeater, my question is does anyone have any
>input as to what books that I might read or tapr files I might download
>or elsewhere that would help me with this task, I am no stranger to
>computers but have not ran any bbs' landline or rf. so I am in need of
>some background reading and am not sure where to start (this is besides
>the documentation that is included with the fbb software) before diving
>into the actual bbs software itself.
>Any words for the wise?
>All input would be very much appreciated.
>tnx in advance...

>
>

l		l
l	Doug Cole	N7BFS
l	amsat member	# 26182
l	dcole@onramp.ior.com	
l	spokane,wa	
l		

>
>
>
>
>

87. Re: [BBSSIG:2323] Re: bbs info

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 29 Feb 1996 00:12:29 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199602290612.AAA10888@tapr.org>
Rendered body type: text/plain

Barry Buelow, WA0RJT, has written such a book, called 'BBS sysop Guide', which TAPR publishes. It is a good introduction to the subject.

Here is the table of contents and I'll include a review at the end.

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Also -- here is the review that Presely Smith, N5VGC, wrote in the TAPR PSR Issue #58, Spring 1995 p18.

The BBS Sysop Guide, by Barry Buelow, WA0RJT, is a well written book that is easy to read and understand. This book covers all aspects of becoming a packet BBS Sysop, from the technical details of what equipment is required, to the emotional and political issues that any BBS Sysop will face. The book also captures the essence of the BBS Sysop experience. The author states in the introduction that "Operating a BBS is a rewarding burden." All of us who operated packet BBS systems for many years can certainly relate to this statement.

This book contains chapters on getting started, equipment recommendations, short reviews of the various packet BBS software available, details on the operation of a packet BBS, and information on use of servers, and other such add-on features available for most packet BBS systems.

In section 2, the book describes the issues of setting up the BBS. The author states that "Establishing a PBBS which interacts with the local network and users will be a significant event." From my own experience of starting a BBS, I know that other local BBS Sysops are not always friendly toward a person establishing a new BBS. Some actually discourage the potential Sysop from setting up a BBS. The author states that there are distinct views of the BBS. The Sysop views it as "his" BBS, the network owner/operator or users of the network may not like the BBS because of increased traffic on the network, and the users of the BBS will expect the BBS to be available "all hours of the day and night." As the author states, "As a Sysop, you should anticipate this situation..." BBS users sometimes forget that ham radio is a hobby and this book describes various way to minimize such problems. One issue not discussed is that the Sysop's family is also making the commitment to this BBS and that the wife and other family members must also understand the commitment.

In chapter 3, there is an excellent description of the equipment needed to have a viable system. I've seen several packet BBS systems that were not successful due to inadequate equipment. This chapter also addresses the issue of backup equipment that should be available in case problems develop. Having the proper backup equipment will minimize the family disruptions described earlier.

Chapter 4 has a short description of many of the most popular BBS software packages that are available. The author notes that "Regardless of the features, a new Sysop should strongly consider using the same software as his neighbors." If this is done, the new Sysop will have an Elmer who can answer questions, and using the same BBS system minimizes forwarding problems. This chapter also details potential problems in setting up the BBS. Manuals tend to be expert friendly. When something goes wrong such as a system hang, the author states "Debugging this type of problem can be time consuming and frustrating." It's important to keep the setup simple at first and then add other features.

The use of G8BPQ node software is also described in chapter 4. There is a description of the software, but no discussion as to why a BBS system needs to also use this node software. Additional information on the BPQ node and a diagram is found in section 7.2. This is the one area I thought could be better organized and explained in the book.

Operation of the BBS is described in chapter 5. The author claims that "The minimal daily effort to maintain a BBS is about 15 minutes." The Sysop must examine any messages held for review, insure the file maintenance has been performed, check messages with bad addresses, and other such duties. The book also describes how enlisting additional Sysops can help minimize the effort on any one person. Other issues discussed in this chapter include contingency planning and the current FCC regulations on who is responsible for the content of bulletins and messages. Most BBS systems have logging facilities that keep a record of the connects of various users and other BBS systems. The book states the "procedure is to close the log file, usually at the end of each month." Some BBS systems keep log files by week. This

book does not discuss the volume of information that may be generated in a single month. My F6FBB system generates over 1MB of log data per week, so the Sysop must plan for the disk space required if logging is enabled.

Chapter 6 describes other enhancements that can be added to a packet BBS system such as the use of callsign CD-ROMs, various servers, and interfacing to a DX Cluster. Chapter 7 describes the theory of operation. This chapter has sections on hierarchical forwarding, bulletin flooding, White Pages (WP), and BBS port drivers. In section 7.4, the reader will find a diagram of the hardware and software which would typically be used with ports including both AX.25 ports and phone ports on a BBS system.

The remainder of the book is a collection of various reference information. Included is a copy of the Hierarchical Addressing Protocol that was adopted by the TAPR BBS Special Interest Group. Also included are tables of continent identifiers, country identifiers and regional identifiers organized by country codes. These identifiers are used in the creation of the hierarchical addresses for packet messages. There is also a glossary which explains many packet and packet BBS terms in the book.

In summary, I would like to recommend that anyone who is considering becoming a packet BBS Sysop should read this book. It will help you decide if you really want to become a packet BBS Sysop. Current Sysops will find this book to be a concise description of many of the issues that the active packet BBS Sysop faces each day. This book will also help the user of a packet BBS system understand the effort and commitment the Sysop is providing to the BBS users and to the community. This book takes a short time to read and provides the reader with excellent insight into what is required to be a packet BBS Sysop.

```
>
> At 09:00 PM 2/28/96 -0600, you wrote:
> >
> >I am possibly going to accept sysop position for a local club bbs that
> >uses my passive packet repeater, my question is does anyone have any
> >input as to what books that I might read or tapr files I might download
> >or elsewhere that would help me with this task, I am no stranger to
>
> Snip Snip
> >
> >
> >      |          |          |
> >      | Doug Cole      N7BFS      |
> >      | amsat member    # 26182    |
> >      | dcole@onramp.ior.com        |
> >      | spokane,wa          |
> >      |          |          |
> >
>
> I too would like to see any recommendations for the above. Seems like there
> should be something close to a "How To Be A Packet SysOp" some where regardless
> of the software used. I guess this could be a "Can of Worms" type thing but I
> hope not. I'm always saving messages from here just for that purpose it seems.
> But it's hard to find the info when you want it in this manner.
>
> de N5EJS
> Russ in LA.
>
>
```

88. Re: [BBSSIG:2319] Re: HF Forwarding

From: "hubert.riera" <7906t@haillan.sep-haillan.fr>
Date: Thu, 29 Feb 1996 09:43:06 +0100
To: bbssig@tapr.org
Message-ID: <9602290943.ZM4917@haillan.sep-haillan.fr>
Rendered body type: text/plain

On Feb 28, 12:54pm, Stan Vandiver wrote:

```
> Subject: [BBSSIG:2319] Re: HF Forwarding
>
> >
> >      I got a sysop message from Rene', F6CDD and he said he is QRV on
PSK
> > packet radio 1200 baud on 14.107 and 21.107 MHz. He is too far away for
band
> > condx here in New Mexico, but guys on the East Coast can make it I think.
> > And if they can make it I can make them....
```

```

> >
> > But I don't have a PSK 1200 baud modem. Never heard of such a
> thing.
> > I sent a packet message back to Rene' but you know how that is...I hope
> this
> > one works. Does anyone know anything about the HF PSK modem?
> >
> >
> Hi Karl,
>
> Just a guess here: PSK is probably Phase Shift Keying (indirect FM).
> More importantly though, is that Part 97 says we can't go faster than
> 300 baud below the 10 meter band.
> ok for the Part 97 but i do think until 21mhz we have place to do 1200 bd
> and that' works so fine
>
>
> 73, Stan/KD9BE
> email: kd9be@nitco.com
> www: http://www.nitco.com/users/kd9be/
> ax25: kd9be@n9ofr.#nwin.in.usa.noam
> ampr: kd9be@kd9be.ampr.org [44.48.10.8]
>-- End of excerpt from Stan Vandiver

```

89. Re: [BBSSIG:2321] Re: HF Forwarding

```

From: "Stan Vandiver" <kd9be@nitco.com>
Date: Thu, 29 Feb 1996 01:52:59 +0000
To: bbssig@tapr.org
Message-ID: <9602290749.AA17500@aegis.nitco.com>
Rendered body type: text/plain
> >
> > Just a guess here: PSK is probably Phase Shift Keying (indirect FM).
> > More importantly though, is that Part 97 says we can't go faster than
> > 300 baud below the 10 meter band.
> >
> >
> I don't think the latest revision has that restriction any longer. There
> was a posting a couple of months ago about that on one of the SIGS.
> Anyone else remember?
>
> -----
> Gwyn Reedy, W1BEL gwyn@paccomm.com W1BEL@amsat.org
>

```

Hi Gwyn (and Karl) --

I haven't heard that about faster baud rates! Just checked the ARRL BBS and they still have NOV 95 Part 97 which does still reflect 300 baud as the max below 28 MHz. I haven't heard of changes from any other source, but I am a newcomer to this sig.

I also don't recall any "special permits" for higher speeds on HF. Only thing I remember is for a very long time, special permits were needed to use "unattended forwarding" on HF. And those rules WERE recently changed to permit anyone (within specified sub-bands).

You all are doing a fine job on this sig... I've really been learning a lot reading your comments. I'm sure I'll learn a lot more!

```

73, Stan/KD9BE
email: kd9be@nitco.com
www: http://www.nitco.com/users/kd9be/
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

```

90. Re: Intellectually challenged newsgroup users...

```

From: "John M. Wilcox" <0005018901@mcimail.com>
Date: Thu, 29 Feb 96 03:15 EST
To: bbssig <bbssig@tapr.org>
Message-ID: <71960229081517/0005018901PK5EM@MCIMAIL.COM>
Rendered body type: text/plain

```

Yep, I lost the message containing the info on unsubscribing to NETSIG and BBSSIG. Well, rather than send the customary "unsub" message to the group, how about one of you lads sending me the correct method to unsubscribe.

I am changing over to a private 'net connection and would like to move the groups off my work mail.

Thanks for the assist.

John Wilcox (Rumford, Maine)
ns1z@agate.net
501-8901@mcimail.com
<http://www.agate.net/~ns1z>

91. HF PSK

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 29 Feb 1996 03:41:58 -0600 (CST)
To: bbssig@tapr.org (BBS SIG mailing)
Message-ID: <199602290941.DAA20400@tapr.org>
Rendered body type: text/plain

What use to be permitted was 1200 baud between 28.0 and 28.3. Have the rules changed -- I am not sure...since I have not been keeping an eye on those rules in sometime.

The www.fcc.gov site has all the current rules on-line. Just takes time to find what you want.

TAPR use to produce a 1200 baud PSK modem but production stopped several years ago. Paccomm still produces a PSK modem based on a TAPR license. Most of the current DSP amateur modems will support PSK operations (TAPR/AMSAT DSP-93, AEA, etc). Also a number of the evaluation boards can be made to work with some know how and time, just have to build an interface up from scratch.

I played with PSK on HF a number of years ago and there was an article written in the PSR about HF PSK operations. The 1991 article is the one on HF operations.

The following are articles published in the PSR on PSK operations:

PSR #22, Oct-86, PSK Modems for FO-12, page 10, by: Tom Clark, W3IWI, Information on the upcoming TAPR PSK modem

PSR #29, Oct-87, PSK Modem Update, p. 14, by: Lyle Johnson, WA7GXD, Current status on the PSK Modem and design

PSR #40, Oct-90, First Impressions: PacComm PSK-1 PSK Modem, p. 9, Lyle Johnson, WA7GXD, Product review of the PacComm PSK-1 PSK Modem

PSR #44, Oct-91, PSK Use on 10 Meters, p. 11, by: Julius Breit, W9UWE, and Walt Kaelin, KB6BT, HF Packet Radio with PSK Successful, more PSK activity

92. Re: [BBSSIG:2328] Re: Intellectually challenged newsgroup users...

From: "Travis W. Burton, KB5ILY" <tburton@wolfdenswsc.k12.ar.us>
Date: Thu, 29 Feb 1996 05:33:56 +0000
To: bbssig@tapr.org
Message-ID: <31353AC4.2448@wolfdenswsc.k12.ar.us>
Rendered body type: text/plain

John M. Wilcox wrote:

>

> Yep, I lost the message containing the info on unsubscribing to NETSIG
> and BBSSIG. Well, rather than send the customary "unsub" message to
> the group, how about one of you lads sending me the correct method
> to unsubscribe.

>

> I am changing over to a private 'net connection and would like to move
> the groups off my work mail.

>

> Thanks for the assist.

>

> John Wilcox (Rumford, Maine)
> ns1z@agate.net
> 501-8901@mcimail.com

> <http://www.agate.net/~ns1z>Try sending it to listserv@tapr.org with unsubscribe listname in the text of the message.

--

73 De Travis W. Burton, KB5ILY / Prescott AR 71857-2505
Assistant Administrator, Wolf Den Project
Amateur Packet Radio: KB5ILY @ KB5ILY.SWAR.AR.USA.NOAM
Internet: <mailto:tburton@wolfdenswsc.k12.ar.us>
WWW: <http://wolfdenswsc.k12.ar.us/~tburton/>
GOD BLESS THE UNITED STATES of AMERICA

93. Re: [BBSSIG:2327] Re: HF Forwarding

From: "Gwyn Reedy, W1BEL" <gwyn@paccomm.com>
Date: Thu, 29 Feb 1996 06:51:53 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960229064656.17371E-100000@paccomm>
Rendered body type: text/plain

On Thu, 29 Feb 1996, Stan Vandiver wrote:

> I haven't heard that about faster baud rates! Just checked the ARRL
> BBS and they still have NOV 95 Part 97 which does still reflect 300
> baud as the max below 28 MHz. I haven't heard of changes from any
> other source, but I am a newcomer to this sig.
>
> I also don't recall any "special permits" for higher speeds on HF.
> Only thing I remember is for a very long time, special permits were
> needed to use "unattended forwarding" on HF. And those rules WERE
> recently changed to permit anyone (within specified sub-bands).

Well, I don't want to push this if it isn't true, but i can't get over the memory that the most recent wording of the rules was subtly changed. I will have to search the old messages for the details.

The rules don't authorize something new, but some restrictive words or phrases have disappeared. Under the concept that the regulations tell you what you should not do (as opposed to listing what you can do) if the restrictive words went away, so did the restriction.

Just turned 54 and drink a lot of coffee with aspartame (sp) in it, so short term memory is weak. But while I can't recall the details, I have a distinct memory of the comments about the change which dealt with greater freedom of technique for HF digital communication.

Gwyn Reedy, WIBEL gwyn@paccomm.com WIBEL@amsat.org

PacComm Packet Radio Systems, Inc. +(813) 874-2980 Fax: +(813) 872-869
4413 N. Hesperides St. BBS: +(813) 874-3078 (V.34)
Tampa, FL 33614-7618 USA info@paccomm.com http://www.paccomm.com

94. Re: [BBSSIG:2322] bbs info

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 29 Feb 1996 06:51:38 -0700
To: bbs sig@tapr.org
Message-ID: <199602291351.GAA07175@acca.nmsu.edu>
Rendered body type: text/plain

At 09:00 PM 2/28/96 -0600, you wrote:

```
>
>I am possibly going to accept sysop position for a local club bbs that
>uses my passive packet repeater, my question is does anyone have any
>input as to what books that I might read or tapr files I might download
>or elsewhere that would help me with this task, I am no stranger to
>computers but have not ran any bbs' landline or rf. so I am in need of
>some background reading and am not sure where to start ( this is besides
>the documentation that is included with the fbb software ) before diving
>into the actual bbs software itself.
>Any words for the wise?
>All input would be very much appreciated.
>tnx in advance...
```

```
> l
> l Doug Cole N7BFS l
> l amsat member # 26182 l
> l dcole@onramp.ior.com l
> l spokane,wa l
> l
>
>
```

It looks like you are going to run FBB. Make sure it is version 5.15c and for documentation I cannot stress to much the necessity to print out the manual! I got it right about a year ago by importing the manual to Word for Windows. Then decreased the font size until it fitted the page and printed it. This is MUCH easier to read than a plain dos print does it.

I use the fbb documentation for all matters associated with the bbs and have had little problems. The k5wph@k5wph bbs is at the "clubhouse" and is FBB and it just runs and runs....:-)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

95. Re: [BBSSIG:2331] Re: HF Forwarding

From: "Stan Vandiver" <kd9be@nitco.com>
Date: Thu, 29 Feb 1996 09:45:40 +0000
To: bbssig@tapr.org
Message-ID: <9602291548.AA32089@aegis.nitco.com>
Rendered body type: text/plain

>
> Well, I don't want to push this if it isn't true, but i can't get over
> the memory that the most recent wording of the rules was subtly changed.
> I will have to search the old messages for the details.
>
> The rules don't authorize something new, but some restrictive words or
> phrases have disappeared. Under the concept that the regulations tell you
> what you should not do (as opposed to listing what you can do) if the
> restrictive words went away, so did the restriction.
>

I think I know what you're referring to now. Recently, the rules were relaxed as to the type of emissions (not speed) used on HF. Instead of specifically defined digital codes *only,* it now says, "... may use any technique whose technical characteristics have been documented publicly, such as CLOVER, G-TOR, or PacTOR..." in 97.309(a)(4). These codes did not quite "fit the definitions" of earlier Part 97 wording, even though they were already in widespread use.

It goes on in 97.309(b) that "unspecified" digital codes may be used also, except with countries with which the US has no agreement permitting the use of the unspecified codes... but said codes must not be used to obscure meaning in any case. (paraphrased)

> Just turned 54 and drink a lot of coffee with aspertame (sp) in it, so
> short term memory is weak. But while I can't recall the details, I have a
> distinct memory of the comments about the change which dealt with greater
> freedom of technique for HF digital communication.
>
> _ _ _ _ _ Reedy, W1BEL _ _ _ _ _ gwyn@paccomm.com _ _ _ _ _ W1BEL@amsat.org _
>

I'm a 38 yr old, full-time college student (EET)... and sometimes I think I have absolutely NO MIND at all left! But I keep plugging along... hope to have the associate degree by the end of this year and finally go back to work for a living.

Greg, WD5IVD, mentioned that Part 97 was available at www.fcc.gov but I searched to no avail there last night. Their page said that they did NOT provide the current regs online, but to check the Thomas Library (Library of Congress) instead. They provided a link to go there, and I searched there for quite some time but had no luck. I also tried a search from Infoseek and found a ham site that had them, but they were old (1993). The latest I have is Nov. 17, 1995... which is probably what is still on the ARRL BBS (860-594-0306).

73, Stan/KD9BE

96. Re: [BBSSIG:2323] Re: bbs info

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Thu, 29 Feb 1996 10:32:19 -0800
To: bbssig@tapr.org
Message-ID: <9602291834.AA13397@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

Larry, wb9loz@w6pw.ca.usa.noam, wrote an excellent set of guidelines for sysops and users. Perhaps he would post it here ... have not seen it come across the net for quite awhile.

At 11:11 PM 2/28/96 -0600, you wrote:
>At 09:00 PM 2/28/96 -0600, you wrote:
>>
>>I am possibly going to accept sysop position for a local club bbs that
>>uses my passive packet repeater, my question is does anyone have any
>>input as to what books that I might read or tapr files I might download
>>or elsewhere that would help me with this task, I am no stranger to
>
>Snip Snip
>>

```

>>      l                               l
>>      l  Doug Cole             N7BFS      l
>>      l  amsat member      # 26182      l
>>      l  dcole@onramp.ior.com      l
>>      l  spokane,wa            l
>>      l _____l
>>
>
>I too would like to see any recommendations for the above. Seems like there
>should be something close to a "How To Be A Packet SysOp" some where
regardless
>of the software used. I guess this could be a "Can of Worms" type thing but I
>hope not. I'm always saving messages from here just for that purpose it seems.
>But it's hard to find the info when you want it in this manner.
>
>de N5EJS
>Russ in LA.
>
>
>

```

```

Hank Oredson @ Mentor Graphics      Library Operations
Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

```

97. Re: [BBSSIG:2322] bbs info

```

From: Thomas Mathewson <tommath@norwich.net>
Date: Fri, 01 Mar 1996 02:47:45 -0800
To: bbssig@tapr.org
Message-ID: <3136D5D1.748C@norwich.net>
Rendered body type: text/plain

```

Doug Cole wrote:

```

>
> I am possibly going to accept sysop position for a local club bbs that
> uses my passive packet repeater, my question is does anyone have any
> input as to what books that I might read or tapr files I might download
> or elsewhere that would help me with this task, I am no stranger to
> computers but have not ran any bbs' landline or rf. so I am in need of
> some background reading and am not sure where to start ( this is besides
> the documentation that is included with the fbb software ) before diving
> into the actual bbs software itself.
> Any words for the wise?
> All input would be very much appreciated.
> tnx in advance...
>

```

```

>      l                               l
>      l  Doug Cole             N7BFS      l
>      l  amsat member      # 26182      l
>      l  dcole@onramp.ior.com      l
>      l  spokane,wa            l
>      l _____lHi Doug;

```

All I can say is "GOOD LUCK"
This is a good placxe to get help!
73 Tom KA2MYD

98. Re: [BBSSIG:2334] Re: bbs info

```

From: "Bob Nielsen" <nielsen@primenet.com>
Date: Thu, 29 Feb 1996 20:35:18 +0700
To: bbssig@tapr.org
Message-ID: <199603010335.UAA04438@usr2.primenet.com>
Rendered body type: text/plain

```

Hank Oredson <Hank_Oredson@mentorg.com> wrote:

```

>
> Larry, wb9loz@w6pw.ca.usa.noam, wrote an excellent set of
> guidelines for sysops and users. Perhaps he would post it
> here ... have not seen it come across the net for quite awhile.

```

The most recent (I think) version is available right here on
tapr.org!

/tapr/software_lib/misc/intropkt.zip

Larry sent TAPR an update a year or so ago.

Bob

Bob Nielsen
Tucson, AZ

Internet:nielsen@primenet.com
AMPRnet: w6swe@w6swe.ampr.org
AX.25: w6swe@wb7tts.az.usa.noam

99. Re: [BBSSIG:2326] Re: HF Forwarding

From: Carol Byers <crlbyers@garlic.com>
Date: Thu, 29 Feb 1996 15:48:06 -0800
To: bbssig@tapr.org
Message-ID: <31363B36.2175@garlic.com>
Rendered body type: text/plain

If you can't get to F6CDD, then send your msgs over the SATGAT system to F6FBB.

73's de Carol, W9HGI

100. Re: [BBSSIG:2322] bbs info

From: Carol Byers <crlbyers@garlic.com>
Date: Thu, 29 Feb 1996 14:29:43 -0800
To: bbssig@tapr.org
Message-ID: <313628D7.1E9@garlic.com>
Rendered body type: text/plain

Hi,

We are also looking into establishing a new club packet BBS in Gilroy, CA...an would be interested in advise of others who a started systems, i.e., equipment, software, remote sysop vs local sysop, etc. Any help would be greatly appreciated.

Carol

101. Re: [BBSSIG:2323] Re: bbs info

From: Sid Ashen-Brenner <sashen@midusa.net>
Date: Thu, 29 Feb 1996 18:43:30 -0600
To: bbssig@tapr.org
Message-ID: <199603010043.SAA27643@services.midusa.net>
Rendered body type: text/plain

At 11:11 PM 2/28/96 -0600, you wrote:

>At 09:00 PM 2/28/96 -0600, you wrote:

>>

>>I am possibly going to accept sysop position for a local club bbs that
>>uses my passive packet repeater, my question is does anyone have any
>>input as to what books that I might read or tapr files I might download
>>or elsewhere that would help me with this task, I am no stranger to

>

>Snip Snip

>>

>>	l		l
>>	l	Doug Cole	N7BFS
>>	l	amsat member	# 26182
>>	l	dcole@onramp.ior.com	
>>	l	spokane,wa	
>>	l		

>>

>

>I too would like to see any recommendations for the above. Seems like there

>should be something close to a "How To Be A Packet SysOp" some where
regardless

>of the software used. I guess this could be a "Can of Worms" type thing but I

>hope not. I'm always saving messages from here just for that purpose it seems.

>But it's hard to find the info when you want it in this manner.

>

>de N5EJS

>Russ in LA.

>

Unless my memory is totally shot ... (a distinct possibility I will admit to)
I "think" that TAPR has a Book available on this very subject, and that it
was released shortly before last year's TAPR Convention in St. Louis, Mo. I
am fairly certain that I remember seeing a copy of it there!

Bingo.... Just found the last issue of PSR.
BBS Sysop Guide all of \$9.00 (plus shipping)

I'll admit that I don't own a copy, but did browse through it in St. Louis
at the convention... If I hadn't been running a BBS for 4 years at the time,

I likely would have purchased a copy.

```

      73 de Sid      n0obm @ n0obm.#ncks.ks.usa.noam
-----
Sid Ashen-Brenner (n0obm)      Packet: n0obm @ n0obm.#ncks.ks.usa.noam
Salina Regional Health Center  Fidonet: 1:295/6   Salina Packet Systems BBS

Salina, Kansas  67401

                                sashen@midusa.net

```

March 1996

Original source file: bbssig.9603

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9603

1. Re: [BBSSIG:2331] Re: HF Forwarding

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr. (AG0N))

Date: Fri, 01 Mar 1996 20:34:35 GMT

To: bbssig@tapr.org

Message-ID: <3137411f.16387587@hannibal.wncc.cc.ne.us>

Rendered body type: text/plain

On Thu, 29 Feb 1996 06:03:31 -0600 (CST), you spake thusly:

```
> Well, I don't want to push this if it isn't true, but i can't get over
> the memory that the most recent wording of the rules was subtly changed.
> I will have to search the old messages for the details.
```

The rules don't authorize something new, but some restrictive words or phrases have disappeared. Under the concept that the regulations tell you what you should not do (as opposed to listing what you can do) if the restrictive words went away, so did the restriction.

I concur. The new philosophy, as stated by the FCC, says that they are not going to tell you what you can do. They will tell you what you cannot do and everything else is okay.

```
> Just turned 54 and drink a lot of coffee with aspartame (sp) in it, so
> short term memory is weak. But while I can't recall the details, I have a
> distinct memory of the comments about the change which dealt with greater
> freedom of technique for HF digital communication.
```

Suffering from the same thing, Gwynn. However, I also thought the specific baud rate restriction was removed and it merely stipulated a maximum bandwidth and shift. Maybe we are both wrong?

$$\frac{\overline{f}(\underline{g})}{\overline{f}} = \frac{\overline{f}|(\underline{g})(\underline{f})}{\overline{f}|(\underline{g})}$$

mcduffie@hannibal.wncc.cc.ne.us

2. re: bbs info

From: lkenney@slip.net (Larry Kenney, WB9LOZ)

Date: Sat, 2 Mar 96 01:07 PST

To: bbssig@tapr.org

Message-ID: <m0tsnHM-000JetC@slip.net>

Rendered body type: text/plain

Hank, WORLI, mentioned my guidelines for sysops and users and Bob, N6SWE, said that they were available for download from TAPR...yes and no.

There are actually several different documents that I've written. The first is "An Introduction to Packet Radio", a 20-part series for users that covers all of the basics of packet: setting up your TNC, the TNC commands, making your first packet contacts, using digipeaters, the node network and BBSs, setting up TCP/IP, etc. This is the document that Bob mentioned that's available for downloading from TAPR as: `/tapr/software_lib/misc/intropkt.zip`. It's also available on disk from TAPR.

I have also re-written the ENGLISH.TXT file for the FBB BBS, and, in conjunction with Bill, K9AT, have re-written ENGLISH.HLP. I've also used the help file to put together a "Users' Guide". I mentioned these files a month or so ago and many of you contacted me for copies. If any other FBB sysops want copies of these three files, let me know and I'll be glad to send them to you via e-mail. Contact me direct: lkenney@slip.net

I have also written some Sysop Guidelines that are used by my remote sysops here at the W6PW BBS. Seeing the document isn't too long, I'll include it with this message. Those just getting started as a sysop should find it very useful, and others might also find it to be helpful. You might not agree with my "policies", but at least you'll have an idea of what you need to do as a sysop.

Included at the end of the document is a complete list of all of the

sysop commands used with the FBB BBS. Since many of you also run FBB, I've included them here as well.

Feel free to share this information with others. It's not copyrighted. The commands were pulled from the original F6FBB help documentation. I hope you find the information to be useful and comments, pro and con, are always welcome.

73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net

REMOTE SYSOP GUIDELINES -- W6PW-3 BBS:
- - - - -

Items 1 through 4 are the most important, so please do those first.
If time permits, perform the remaining items.

Change to "remote sysop status" to perform these procedures:

- 1 - Enter RE to review HELD messages (if there are any). You'll have a choice of reading, unholding or killing each one. Use your own judgement. Here you'll find all new locally entered bulletins, plus messages from the callsigns have been entered in the "hold list" due to problems in the past - illegal sale messages, "dirty" language, outdated keplarian elements, etc. If you feel that the message is okay to release, enter U to unhold it. If you think that it should be killed, enter K to kill it. (If you kill any locally entered bulletins, please leave a note for me advising me of the message number.)
- 2 - Enter LE for a list of problem messages. These messages are the ones the BBS software doesn't know what to do with: messages with unknown addresses, unknown routes, unrecognized bulletin designators or NTS zip codes, or messages that will "ping-pong" (be sent back to where they came from, if forwarded).
- 3 - Try to fix the "problem" in each message:
 - A - In most cases, the unknown addresses and unknown routes are due to either incomplete addresses or typing errors. You might find one addressed @ WB7AML.0R for example. The BBS needs the full address. Another might be addressed @ NOARY, rather than NOARY. You'll find "oh" and "zero" confused quite frequently. In cases like this, edit the message header (E msg#) and enter: V BBS call and the White Pages will fix the problem for you.
 - B - If there's an unknown route or zipcode for an NTS message, list the message (L msg#) and see what the destination is. If it's for a city within the service area of this BBS (San Francisco, Oakland, Piedmont, San Leandro, etc.) disregard the message. Since there isn't an entry for these NTS messages in the forward file, they're considered problem messages. I haven't found a way to stop this. If the message is for a city outside our service area, send it to the next BBS in line for that city. Enter: FA msg# BBS call (Check the BBS forwarding list in your "Sysop Reference".)
 - C - Occasionally you'll find a bulletin addressed @ NORCAL, @ CA, @ CALIF, or some other non-recognized designator. If it's a locally entered bulletin (has an L next to the status, such as B\$L) send a message to the originator advising them of the error, and that they should enter ?SB for a list of recognized designators and then re-enter the message. Editing in a correction will not generate a forwarding list. If the bulletin has been forwarded from somewhere else (no L next to status), forget about it. There's nothing we can do with them to get them to forward.
 - D - For "ping-pong" messages, check the White Pages for the home BBS of the addressee. If the message is for a W6PW user, no further action is needed. If the addressee uses another BBS, it can get tricky. First, you might have to edit in that BBS callsign if it differs from what's shown. Then you also need to determine where that BBS is located and the forwarding path used to get to it. (See "Sysop Reference".) If the path is to a different BBS gateway than the one the message arrived from, forward it to that gateway (FA msg# BBS call). If the path is to the same BBS gateway, you'll need to send a copy of the message using the SC command so that the BID will be changed. Otherwise it will be rejected since the BBS will already have the original BID. (If you have questions on this procedure, please contact me before you handle any "ping-

pong" messages.

E - For any message that you can't fix, leave it for me and I'll try to figure it out.

- 4 - Enter LU and check for messages that should have been forwarded but haven't been. This is usually caused by a link going out, a BBS being down, or some other problem. If the problem exists for a long period of time and Larry, WB9LOZ, is not available, contact one of the sysops in your "Sysop Reference" list to see if he knows anything about the problem and what should be done about it.
- 5 - Read the messages addressed to SYSOP. They often contain tips on messages that should be killed, known network problems, helpful hints or interesting stuff having to do with running a BBS. You'll also find a lot of junk that you can ignore.
- 6 - If you have time, list the messages received since you checked the system the last time. Simply enter L and the BBS will list everything you haven't already seen. (You will need to sign off of the BBS using the B command for the LIST command to be updated.)
 - A - Look for anything that looks abnormal. This could be just about anything -- a message addressed to something weird like "B", "D", etc. The abnormal stuff is not hard to spot. Something that's been addressed to "B", "D", "H", etc. usually is from someone who didn't know what they were doing, and they were trying to say Bye, disconnect, ask for help, or whatever. Check the message. In most cases, you can just kill that stuff. Just use your good judgement.
 - B - Look for bulletin subjects that seem suspicious...things for sale that aren't ham radio or computer related are the most notorious. I don't expect you to read every bulletin...I don't, there's just too many of them...but if something looks out of line, please check it. If it's illegal, libelous or slanderous and shouldn't be on the system, kill it! (Unless it's entered here at W6PW, we're no longer legally responsible for the messages on the BBS, but it's nice to get rid of the junk!)
 - C - Kill any NTS messages that have been forwarded (TF status).

NOTES: This might seem like an awful lot of stuff to do, but you'll find that very few messages have to be dealt with. Often you'll have very little to do, so don't let this long list make it look difficult.

When in "Sysop Mode", you have access to every message on the system. Please do NOT read personal messages addressed to others unless it involves a problem.

AUTOMATIC FEATURES: At approximately 0300 local, several automatic operations occur. The BBS shuts down and goes into "clean up mode". Bulletins that are more than 7 days old are killed, all of the killed messages are deleted and the mail file is compressed. The message BID file is updated, and all entries more than 60 days old are deleted. All "non-W6PW user" entries in the "White Pages" that have not been updated for more than 180 days are deleted. All "W6PW user" entries for any stations that haven't logged in during the past year are deleted. A WP update of all WP changes in the past 24 hours is generated for forwarding to other Norcal BBSs and to the national WP database. (Update messages are limited to 5K so there may be several of them. These are messages addressed to WP @ WA6AEO.) The SCAN server runs and generates messages for those using SCAN. When the clean up process is complete, the BBS program will re-initialize.

Thanks for helping to keep W6PW-3 in tip-top shape for the users! If you have any questions on these guidelines, please let me know BEFORE you perform the function.

73, Larry, WB9LOZ

FBB SYSOP COMMANDS:
=====

FOR BBS MODE:

DB : List all callsigns defined as BBS.
DE : List all excluded callsigns.
DP : List all users that have paging on.
DS : List all sysops.
DX : List all "expert"-users.

DU [callsign] : Show info on that callsign.
 E [msg#] : Edit message header (TYPE, STATUS, TO, FROM, @BBS, SUBJECT) of [msg#].
 EM [msg#] : Edit message text.
 EU [callsign] : Edit user information for [callsign]. A "." deletes a field. (also see IE)
 FA [msg#] [BBS] : Mark [msg#] for forward to [BBS].
 FB [BBS] : List messages that will be forwarded to [BBS]. The messages are listed as with a standard L-command but with BIDs.
 FC [BBS] : Shows the route a message will take to [BBS]. If you send FC W6ABC, and the BBS responds with KA6EYH, it means that messages from this to the W6ABC BBS, will be sent via KA6EYH.
 FD [msg#] [BBS] : Remove [msg#] from forward to [BBS].
 FH [BBS] : Gives the hierarchical extension for [BBS].
 FI BID command : BID maintenance.
 Command = ? : Gives message number and message type of that BID/MID.
 + : Adds the BID/MID to the list.
 - : Deletes the BID/MID from the list.
 FL [BBS] : List messages that will be forwarded to [BBS].
 FN [msg#] : List of the BBSs which are in the waiting list for this [msg#] and the BBSs already forwarded to or named in the preamble. (Also see \$ [msg#])
 FP [cmd] callsign : Swap test.
 Cmd = @ : Gives the swap (if existing) for the via callsign.
 > : Gives the swap (if existing) for the to callsign.
 < : Gives the swap (if existing) for the from callsign.
 FR Argument : Forces reverse forwarding, even if there is no pending mail.
 Argument: [BBS] forces reverse forwarding to [BBS].
 [9] forces reverse forwarding to all BBSs.
 FS Argument : Stops the forwarding. If the argument is a callsign of known BBS, the forwarding to this BBS will be stopped. If the argument is a port number, the forwarding will be stopped on that port. If the argument is 9 forwarding will be stopped for all the ports.
 FT [BBS] : List size of messages ready for forward to BBS.
 Shows number of personal messages and bulletins, and also the total size in kilobytes.
 FT : FT alone shows the same as above, but for ALL BBSs for which there are pending forwards.
 FU [channel#] : Disconnects a user from [channel#]. Channel number must be used, not callsign.
 FV : Start forward-scan of FORWARD.SYS file.
 FW Argument : Start forward to BBS.
 Argument: [BBS] starts forward to that BBS.
 [port] starts forwarding on that port.
 [9] starts forwarding on all ports.
 H [msg#] : Holds message, gives it H status.
 IE [Callsign] : Gives the WP information using IL format (see below) and then prompts for the deletion of the record. If the answer is Y, the record will be deleted, else you enter the edit mode. Type return to exit edit mode.
 The edit commands are :
 U : Updates primary part with the temporary part (2 -> 1).
 N name : Changes the name of the user.
 1H Route : Changes the primary route.
 1Q Qth : Changes the primary Qth.
 1Z Zipcode : Changes the primary ZipCode.
 2H Route : Changes the temporary route.
 2Q Qth : Changes the temporary Qth.
 2Z Zipcode : Changes the temporary ZipCode.
 IL [callsign] : Gives all information from the white pages database on [callsign].
 K [msg#] : Kill [msg#].
 KF : Kill all messages that have been forwarded.
 K> [callsign] : Kill all messages to [callsign].
 K< [callsign] : Kill all messages from [callsign].
 K@ [BBS] : Kill all messages with this @BBS route.
 ----> Note: All K-commands can be preceded by an extra K. Messages will then go directly to A status (not K) and will be killed during the next BBS clean up.

LU : List all UNREAD messages (status N) in the BBS.
 M (replaces L) : Can be used by sysop to replace L, like:
 ML for LL, M 100- for L 100- etc. All listings
 will then have the BID in the subject field.
 M [msg#] [file] : Copy a message to a file. Overwrites existing file.
 MH [msg#] [file] : Like M, but with same format as R [msg#]. Overwrites.
 MV [msg#] [file] : Like M, but with same format as V [msg#]. Overwrites.
 MA [msg#] [file] : Copy a message to a file. Appends to existing file.
 MHA [msg#] [file] : Like M, but with same format as R [msg#]. Appends.
 MVA [msg#] [file] : Like M, but with same format as V [msg#]. Appends.
 PR : Toggle printer on/off.
 PR [msg#] : Sends [msg#] to the printer.
 PRV [msg#] : Sends [msg#] with headers to the printer.
 PR> filename : Validates and redirects the printing to a filename.
 PR> - : Validates and redirects the printing to the standard
 printer.
 RE : REview messages with HOLD status.
 RU : Read all UNREAD messages in the BBS.
 S [filename] : Send an ASCII file in GATEWAY mode. Must go to
 command mode first (by pressing ESC).
 SR [#msg] [+filename] [subject] :
 Reply to a message already read or to a message
 matching the specified number appending the contents
 of filename. If the subject is not stated, it will
 be the subject of the read message, with "Re:"
 placed in front of it.
 SYS : Enables remote Sysop mode. A callsign validated as
 SYSOP is permitted to access any message in any
 circumstance, but he cannot delete or modify data
 which does not belong to him. The SYS command will
 grant these privileges, together with the ability to
 enter the root of the DOS directory tree in FBBDOS.
 The SYS command will return a string of numbers
 corresponding to the position of a letter in a
 sentence located in the PASSWD.SYS file. If you
 send back the 5 letters (without any space) matching
 the 5 numbers, an OK will be sent out to confirm that
 SYSOP mode is granted.
 W (filename) : To be used in GATEWAY mode to capture text in a file.
 You must first change to command mode by pressing ESC
 or entering >. End capture with W.
 YD [filename] : Receive a binary file in GATEWAY mode. Must first
 change to command mode by pressing ESC or entering >.
 YL [filename] : Change the label of a YAPP-file.
 YU [filename] : Send a binary file in GATEWAY mode. Must first change
 to command mode by pressing ESC or entering >.
 YZ [filename] : Delete a YAPP-file.
 Z [path\filename] : Delete files in the BBS.
 + APPEND : Append a file after the message, like this:
 SP [call] @ [bbs] + [path\filename]
 Example: SP N6XYZ @ W6ABC + c:\fbb\sysop\notes.doc
 Here the file NOTES.DOC will be appended to your
 message when you type CTRL-Z.
 \$ [msg#] : Gives a list of all BBSs that the message has been
 forwarded to, or is waiting to be forwarded to.
 Same as FN.
 % : Gives status of all channels in the BBS right now.
 /R : Reboot PC. USE WITH CAUTION AND ONLY IF NECESSARY!
 /A : Stops the BBS-program. DON'T USE UNLESS YOU KNOW
 WHAT YOU'RE DOING, AND HAVE A GOOD REASON FOR IT!!

For DOCUMENTATION server:

 D : Sysop can use this command in the DOCUMENTATION
 server to edit the description of a file.
 Command: D (filename) (description)
 L : Sysop can change the label with the command L in
 the DOCUMENTATION server.
 NEWDOC : A server for entering new information/documentation
 into the DOCS server. To enter a file send a personal
 message like this: SP NEWDOC @ (bbs)
 The subject must hold 2 things: First it must contain
 the filename, complete with path (if needed), followed
 by a label that describes the file. Like this:
 \GENERAL\BBS.DOC Documentation for this BBS.
 The message will then become the file. After you have
 sent such a message using NEWDOC, the BBS will send you
 a message to confirm that the file was successfully
 saved under DOCS.

For FBBDOS:

DOS : SYSOP can now run DOS-programs from remote. Sysop must be in FBBDOS and send the command:
DOS [program] [parameter]
Output from that program will go back to the sysop. The program cannot take any input from sysop after it has started. If anything goes wrong in the task the DOS program is running, the task will be shut down after 3 minutes and the BBS will continue to work as before.
LABEL (filename) : Change the description of a file in FBBDOS.
MD|MKDIR : Make a new directory. Example: MD STATS
RD|RMDIR : Remove a directory. You can only remove empty directories, and only if YOU have created that directory. Example: RD STATS

For USER DATA:

N (callsign) : To change a user's data in USER-DATA.

For SAT. SERVER:

M : In the SATELLITE ORBITAL COMPUTATION menu, manual modification of the orbital parameters of the satellites.

For NOMENCLATURE:

N Callsign : In the NOMENCLATURE menu, this command allows you to edit the information of a user.

- - - - -
BBS CONSOLE FUNCTION KEYS:

=====

Here is an overview of all function keys. Most of these commands will open a window. BBS operations are suspended while the window is open, but the user requests are queued and will not be lost. If no reply is given, the window will close after a few seconds. The default reply will not be taken into account. Do not forget to validate your replies with "Enter".

- F1 - General help on all function keys.
- F2 - Connect to the BBS locally using console callsign.
- F3 - Disconnect a channel.
- F4 - Start or stop forwarding. If a number up to 8 is specified, the corresponding port will be scanned for forwarding. If the number 9 is specified, all ports will be scanned. If a callsign is specified, it will be scanned for forwarding. Preceding the callsign with + will force reverse forwarding even if there is no waiting mail. Preceding the callsign with - will stop the forwarding and disconnect.
- F5 - Toggle monitoring on/off. With monitor on, the lower part of the screen displays the monitored traffic, while the upper part of the screen shows traffic on the BBS. The number of lines in the upper/lower parts of the screen can be adjusted with the arrow-up or arrow-down keys. Pressing F5 again toggles back to a single window display.
- F6 - Change console callsign. This callsign is used when connecting to the BBS with F2. The callsign has sysop status.
- F7 - Program the TNCs directly. This allows dynamic modification of the parameters which will be affected as default to the channels of the related port. These parameters will not be taken into account for the channels already connected, and will be transferred to the channel upon disconnect. The commands are specific to the TNC in use: WA8DED with a TNC2, HostMode PK232 with a PK232, or the BPQ node.
- F8 - Reboot PC. Can be done at once, or when all channels are free. Clean up and the housekeeping of the mail is not done.
- F9 - Gateway, using console callsign.
- F10 - Talk to a user (that has sent a T) or initiate a chat with a user. F10 again returns the user to BBS mode.
- ALT-F1 - Shows pending forwards. Shows number of personal messages, bulletins, and the total amount of KB waiting to be forwarded.
- ALT-F2 - Shows all callsigns connected to the BBS.
- ALT-F3 - Start or stop forward scan. Can be used after the modification of the FORWARD.SYS file. Before starting scanning, FORWARD.SYS,

CTRL-F1 to CTRL-F10 hold pre-defined texts that are sent when pressing that key. The texts are in the file MEMO.SYS.

NOTE: DO NOT USE CTRL-C. THERE IS A BUG IN THE PROGRAM AND THE BBS WILL STOP IMMEDIATELY.

> "Sysop Reference".)

Hi Larry. To trap the pesky "unknown route" messages on local NTS, I use a method handed down to me by John, WX3K. Create a pseudo-BBS to forward to and name it LOCAL. The LOCAL fwd file would look like this:

```
A LOCAL
#
Z 97601
Z 97603
Z 97624
Z ...etc
-----
```

Point to it in your FORWARD.SYS file. You can also add local bulletin types that are not intended to forward out of your area by including a G entry:

```
G KFALLS
G KPRA
G ...etc
```

Notice that there is no connect script in the file. The NTS and bulletins will be queued as if they were going to forward, but remain on your board. This fools FBB into thinking that a route has been defined.

--

```
-----
Don Lewis, KI7AE      mailto:donlewis@magick.net
2919 Summers Lane    Voice: +(541) 882-9919
Klamath Falls, OR 97603
```

5. WinFBB Status?

From: ku0g@sprynet.com
Date: Sat, 2 Mar 1996 16:19:36 -0800
To: bbssig@tapr.org
Message-ID: <199603030019.QAA24181@sprynet.com>
Rendered body type: text/plain

Just signed on to the sig today...Can someone out there tell me the current status of WinFBB? I had heard that it's due to be released this month...
Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

"I'll be glad when schools have all the money they need
and the Air Force has to hold a bake sale to buy a bomber!"

6. Re: [BBSSIG:2343] re: bbs info

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Sun, 3 Mar 1996 09:56:29 -0400
To: bbssig@tapr.org
Message-ID: <199603031356.JAA20969@bud.peinet.pe.ca>
Rendered body type: text/plain

>Hi Larry. To trap the pesky "unknown route" messages on local NTS, I
>use a method handed down to me by John, WX3K. Create a pseudo-BBS to
>forward to and name it LOCAL. The LOCAL fwd file would look like this:
>

```
>A LOCAL
>#
>Z 97601
>Z 97603
>Z 97624
>Z ...etc
>-----
>
>--
```

```
-----
>Don Lewis, KI7AE      mailto:donlewis@magick.net
```

I would be even easier to modify that and group the Zip codes as I do here:

Z 97* or Z 976* depending on the area and how you fwd them (or not).

73 - Ron
VE1AIC

7. Re: [BBSSIG:2345] re: bbs info

From: n8xsf <n8xsf@ix.netcom.com>
Date: Sun, 03 Mar 1996 13:18:12 -0500
To: bbssig@tapr.org
Message-ID: <199603031818.KAA03778@ix8.ix.netcom.com>
Rendered body type: text/plain

At 08:05 AM 3/3/96 -0600, you wrote:

```
>>Hi Larry. To trap the pesky "unknown route" messages on local NTS, I
>>use a method handed down to me by John, WX3K. Create a pseudo-BBS to
>>forward to and name it LOCAL. The LOCAL fwd file would look like this:
>>
>>A LOCAL
>>#
>>Z 97601
>>Z 97603
>>Z 97624
>>Z ...etc
>>-----
>>
>>--
>>-----
>>Don Lewis, KI7AE      mailto:donlewis@magick.net
>
>I would be even easier to modify that and group the Zip codes as I do here:
>
>Z 97* or Z 976* depending on the area and how you fwd them (or not).
>
>73 - Ron
>VE1AIC
>
```

Why not let the system tell you that there are NTS messages for your area? I am a remote sysop. When I get home from work, I look to see if I have any message in my TPK system. When there are unknown routes for the NTS messages, I know that someone needs to pass them on.

Our ARES net starts at 6:45pm and I check in to see if anyone has retrieved them. (we all know how people like to read them but not pass them!) If not, I can or ask someone else to do it. Without out this generated message, I have to do some manual typing to list them out. (more work for me!)

Just a thought.

Steve N8XSF

8. WinFBB V 7.00 Released Today

From: sysop@phx-az.com (Sysop)
Date: Mon, 4 Mar 1996 01:59:17 GMT
To: bbssig@tapr.org
Message-ID: <96030319043835@phx-az.com>
Rendered body type: text/plain

Hello All,

WinFBB was just released, PLEASE KEEP IN MIND, THIS IS A PRE-RELEASE BETA.

The Filename is: WFBB7-00.ZIP

F6FBB SUPPORT BBS: +1-602-912-0225

Or via e-mail

GETFILE@PHX-AZ.COM
WFBB7-00.ZIP <-----SUBJECT

Regards...

9. Windows F6FBB available

From: "Bob Nielsen" <nielsen@primenet.com>
Date: Sun, 3 Mar 1996 20:13:07 +0700
To: bbssig@tapr.org
Message-ID: <199603040313.UAA09266@usr2.primenet.com>
Rendered body type: text/plain

The long-awaited F6FBB BBS for Microsoft Windows is now available on ftp.tapir.org in /tapir/software_lib/bbs/wfbb7-00.zip.

73,

Bob Nielsen, W6SWE
TAPR Software Librarian

Bob Nielsen Internet:nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
 AX.25: w6swe@wb7t1s.az.usa.noam

Bob Nielsen Internet:nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
 AX.25: w6swe@wb7t1s.az.usa.noam

10. WinFBB

From: Don Lewis <donlewis@magick.net>
Date: Sun, 03 Mar 1996 21:41:12 -0800
To: bbssig@tapir.org
Message-ID: <313A8278.76A4@magick.net>
Rendered body type: text/plain

It's absolutely gorgeous. Got it up and running very easily.

Interesting anomaly... it doesn't like hardware handshaking on the modem port (at least at my site). XON/XOFF did the trick, and ZMODEM up/down works swell. Undocumented xfer cmd is ZPUT.

Multiple monitor windows on the desktop looks very professional...

RLI X-protocol appears to work fine with my neighbor.

Kudos to JPR!

Any other reports?

--

Don Lewis, KI7AE mailto:donlewis@magick.net
2919 Summers Lane Voice: +(541) 882-9919
Klamath Falls, OR 97603

ki7ae@ki7ae.#seor.or.usa.noam

11. F6FBB v7.00

From: tsloan@dial.pipex.com (Ted Sloan)
Date: Mon, 04 Mar 1996 08:43:32 +0000 (GMT)
To: bbssig@tapir.org
Message-ID: <199603040843.IAA03610@vent.pipex.net>
Rendered body type: text/plain

G1DIL (Sysop at GB7BBS and distributor for F6FBB software in the U.K) has written to say that there is a forthcoming " Evaluation Release " of FBB Mailbox and Server v7.00

It has not yet been released but expected soon.

Watch out for it in -

ftp.funet.fi in \pub\ham\packet\bbs\f6fbb area

or by landline at

WA6RDH BBS +1.916.678.1535

I wonder if this is the long awaited WINDOWS version of F6FBB on test since last Summer.

-73-

Ted GI4AHP Sysop at GB7TED

12. HF Forwarding on MSYS

From: Bill Vodall <vodall@bigsky.dillon.mt.us>
Date: Mon, 4 Mar 1996 01:06:47 -0700 (MST)
To: BBSSIG TAPR <bbssig@tapir.org>
Message-ID: <m0ttVI9-0002n2C@mtewe.kevin.mt.us>
Rendered body type: text/plain

Has anybody any advice or examples of how to run HF forwarding with MSYS both in the *TOR mode and Packet mode? I'm thinking

that some sort of timed mechanism could be worked out to do Packet at certain hours and *TOR at others.

PACTOR is better - but not everybody has it.

Tnx

--

Bill Vodall Box 75 Kevin, Mt 59454 1-406-337-2222
Reply-To: vodall@bigsky.dillon.mt.us
Amateur Packet: wa7nwp@wa7nwp.ncmt.mt.usa.noam

13. Re: [BBSSIG:2350] F6FBB v7.00

From: n8xsf@ix.netcom.com (Steven A. Ashenfelter)
Date: Mon, 4 Mar 1996 07:19:38 -0800
To: bbssig@tapr.org
Message-ID: <199603041519.HAA20572@ix16.ix.netcom.com>
Rendered body type: text/plain

You wrote:

>
>G1DIL (Sysop at GB7BBS and distributor for F6FBB software in the U.K
>) has written to say that there is a forthcoming " Evaluation Release
>" of FBB Mailbox and Server v7.00
>It has not yet been released but expected soon.
>Watch out for it in -
>ftp.funet.fi in \pub\ham\packet\bbs\f6fbb area
>or by landline at
>WA6RDH BBS +1.916.678.1535
>
>>snip<<

Is this statement pertaining to a DOS version of WINFBB v7.00?

Steve N8XSF

14. Re: [BBSSIG:2352] Re: F6FBB v7.00

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Mon, 04 Mar 1996 17:53:41 +0000
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960304175341.00670498@midusa.net>
Rendered body type: text/plain

At 09:30 AM 3/4/96 -0600, you wrote:

>You wrote:
>>
>>G1DIL (Sysop at GB7BBS and distributor for F6FBB software in the U.K
>>) has written to say that there is a forthcoming " Evaluation Release
>>" of FBB Mailbox and Server v7.00
>>It has not yet been released but expected soon.
>>Watch out for it in -
>>ftp.funet.fi in \pub\ham\packet\bbs\f6fbb area
>>or by landline at
>>WA6RDH BBS +1.916.678.1535
>>
>>>snip<<
>
>Is this statement pertaining to a DOS version of WINFBB v7.00?
>
>Steve N8XSF
>
>
Nope, just a windows version. I understand a DOS version will be released in the future.
Jim Brooks jbrooks@midusa.net
Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

15. Re: [BBSSIG:2349] WinFBB

From: ku0g@sprynet.com
Date: Mon, 4 Mar 1996 10:10:17 -0800
To: bbssig@tapr.org
Message-ID: <199603041810.KAA17979@sprynet.com>
Rendered body type: text/plain

Not having kept up on the development process of WinFBB, is there anything special that I need to do to access the non-standard comports? I assume that if

I take the default settings I'm OK? What about host mode in Kantronics TNCs?

I did the install into a fresh directory which I called WINFBB and renamed all of the directories in the setup mode. Now how do I import all of the mail from the DOS version?

I've been looking forward to this for a LONG time, hopefully it's going to take care of the hardware difficulties I've had trying to run APRS, FBB and and Internet connection simultaneously here!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

16. Re: [BBSSIG:2349] WinFBB

From: n5pvl@texoma.com (Charles Brabham)
Date: Mon, 4 Mar 1996 12:37:10 -0600
To: bbssig@tapr.org
Message-ID: <199603041837.MAA21595@mercury.texoma.com>
Rendered body type: text/plain

>It's absolutely gorgeous. Got it up and running very easily.
>
>Interesting anomaly... it doesn't like hardware handshaking
>on the modem port (at least at my site). XON/XOFF did the
>trick, and ZMODEM up/down works swell. Undocumented xfer cmd
>is ZPUT.
>

I got it work in test mode OK, liked it a lot, but have had no luck getting it to fly with BPQ.

I believe this is a problem I'm experiencing with WINDOWS/G8BPQ. It may not be related to WINFBB at all.

I run a DRSI PCPA-1, and an AEA PK-96 in multidropped KISS mode (Polling, Checksum) under BPQ v4.08a for a total of three ports.

I run BPQ from DOS, then start Windows.
I've noticed that when starting up Windows, the LED display on the PK-96 changes. This is what leads me to believe the problem is with the WIN/BPQ combo, not WINFBB.

Elmers: Let me know if more detailed info on my setup is needed.

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-mail: n5pvl@texoma.com
HomePage: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

17. WinFBB 7.00

From: Don Lewis <donlewis@magick.net>
Date: Mon, 04 Mar 1996 10:34:51 -0800
To: bbssig@tapr.org
Message-ID: <313B37CB.CB8@magick.net>
Rendered body type: text/plain

Can anyone tell me who is on the beta-team? I want to send bug-reports.

03/04/96 - Discovered editor bug. When attempting to edit a non-existing file, the editor does not assume a "create". Crashes with GPF.

<---- TIPS ---->

03/04/96 - Make sure you edit RUNFBB.BAT! This is a replacement for APPEL.BAT, and the default file has some statements that probably *won't* work on your system. Edit it to match your APPEL.BAT line arguments from 5.15c where housekeeping issues are concerned.

--

Don Lewis, KI7AE <mailto:donlewis@magick.net>
2919 Summers Lane Voice: +(541) 882-9919
Klamath Falls, OR 97603 BBS: +(541) 883-1587

18. Re: [BBSSIG:2352] Re: F6FBB v7.00

From: ted sloan <ei7l@pipex.com>
Date: Mon, 04 Mar 1996 19:23:53 +0000
To: bbssig@tapr.org
Message-ID: <199603041923.TAA22537@vent.pipex.net>
Rendered body type: text/plain

At 09:30 04/03/96 -0600, you wrote:
>You wrote:
>>
>>G1DIL (Sysop at GB7BBS and distributor for F6FBB software in the U.K
>>) has written to say that there is a forthcoming " Evaluation Release
>>" of FBB Mailbox and Server v7.00
>>It has not yet been released but expected soon.
>>Watch out for it in -
>>ftp.funet.fi in \pub\ham\packet\bbs\f6fbb area
>>or by landline at
>>WA6RDH BBS +1.916.678.1535
>>
>>>snip<<
>
>Is this statement pertaining to a DOS version of WINFBB v7.00?
>
>Steve N8XSF
>
>
>I have downloaded it today but have yet to extract it - I
believe that it is a WINDOWS version. Ted GI4AHP
ted sloan

19. Re: [BBSSIG:2355] Re: WinFBB

From: Don Lewis <donlewis@magick.net>
Date: Mon, 04 Mar 1996 12:21:27 -0800
To: bbssig@tapr.org
Message-ID: <313B50C7.14C0@magick.net>
Rendered body type: text/plain

Charles Brabham wrote:
>
> I got it work in test mode OK, liked it a lot, but have had no luck getting
> it to fly with BPQ.
>
> I believe this is a problem I'm experiencing with WINDOWS/G8BPQ. It may not
> be related to WINFBB at all.
>
> I run a DRSI PCPA-1, and an AEA PK-96 in multidropped KISS mode (Polling,
> Checksum) under BPQ v4.08a for a total of three ports.
>
> I run BPQ from DOS, then start Windows.
> I've noticed that when starting up Windows, the LED display on the PK-96
> changes. This is what leads me to believe the problem is with the WIN/BPQ
> combo, not WINFBB.
>
> Elmers: Let me know if more detailed info on my setup is needed.
>
> ----- 73 DE Charles Brabham N5PVL -----
> Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
> E-mail: n5pvl@texoma.com
> HomePage: http://www.texoma.com/personal/n5pvl/n5pvl.htm
> -----

Charles, I don't know a thing about DRSI or AEA, so this may not help you.
I'm running BPQ ver 4.08 from AUTOEXEC.BAT, then Win95. Make sure the files
BPQDLL.DLL and BPQCODE.386 are in your WINDOWS\SYSTEM directory.

I'm using MFJ 1270 TNC's in KISS.

--

Don Lewis, KI7AE mailto:donlewis@magick.net
2919 Summers Lane Voice: +(541) 882-9919
Klamath Falls, OR 97603 BBS: +(541) 883-1587

ki7ae@ki7ae.#seor.or.usa.noam

20. WinFBB Install Tip

From: Don Lewis <donlewis@magick.net>
Date: Mon, 04 Mar 1996 12:45:02 -0800
To: bbssig@tapr.org
Message-ID: <313B564E.51A7@magick.net>
Rendered body type: text/plain

03/04/96 - If you run G8BPQ, load it from AUTOEXEC.BAT before launching Windows, then install WinFBB. When you get to the comms/ports setup, WinFBB will auto-detect your BPQ comms/ports, and no changes are necessary.

--

Don Lewis, KI7AE mailto:donlewis@magick.net
2919 Summers Lane Voice: +(541) 882-9919
Klamath Falls, OR 97603 BBS: +(541) 883-1587

ki7ae@ki7ae.#seor.or.usa.noam

21. Re: [BBSSIG:2354] Re: WinFBB

From: Dean R Madsen <dmadsen@iastate.edu>
Date: Mon, 04 Mar 1996 15:08:13 CST
To: bbssig@tapr.org
Message-ID: <9603042108.AA09832@pv6f27.vincent.iastate.edu>
Rendered body type: text/plain

>Not having kept up on the development process of WinFBB, is there anything
>special that I need to do to access the non-standard comports? I assume that
if

If you use BPQ to interface to your TNC's then the nonstandard com ports
won't affect WinFBB.

>of the directories in the setup mode. Now how do I import all of the mail fro
m
>the DOS version?
>

You should be able to XCOPY the \FBB\MAIL directory/subdirectories to
\WINFBB\MAIL. Then copy your \FBB\SYSTEM\DIRMES.SYS to
\WINFBB\SYSTEM\DIRMES.SYS. Also, it would be a good idea to copy
\FBB\SYSTEM\WFBID.SYS to \WINFBB\SYSTEM

73,
Dean - KE0WO

+++++
+ Dean R Madsen, KE0WO Computer Science Major +
+ Internet: dmadsen@iastate.edu Iowa State Univeristy +
+ ke0wo@iastate.edu Ames, Iowa +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA FBB Beta tester Cellist +
+ Secretary for the Tristate Amateur Packet Association +
+ Treasurer for the Cyclone Amateur Radio Club +
+++++

22. Re: [BBSSIG:2355] Re: WinFBB

From: Dean R Madsen <dmadsen@iastate.edu>
Date: Mon, 04 Mar 1996 15:13:02 CST
To: bbssig@tapr.org
Message-ID: <9603042113.AA09841@pv6f27.vincent.iastate.edu>
Rendered body type: text/plain

>
>I got it work in test mode OK, liked it a lot, but have had no luck getting
>it to fly with BPQ.
>

Have you copied BPQDLL.DLL your your WINDOWS directory? You might also
try going into the control panel/386 enhanced menu and disabling Windows
from watching over the com port contentions. What does your PORT.SYS
look like?

73,
Dean - KE0WO

+++++
+ Dean R Madsen, KE0WO Computer Science Major +
+ Internet: dmadsen@iastate.edu Iowa State Univeristy +
+++++

+ ke0wo@iastate.edu Ames, Iowa +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA FBB Beta tester Cellist +
+ Secretary for the Tristate Amateur Packet Association +
+ Treasurer for the Cyclone Amateur Radio Club +
+*****+

23. 1996 ARRL and TAPR Digital Communications Conference

From: Greg Jones <wd5ivd@tapr.org>
Date: Mon, 4 Mar 1996 15:52:53 -0600 (CST)
To: netsig@tapr.org (NETSIG mailing), bbssig@tapr.org (BBS SIG mailing),
aprssig@tapr.org (BBS SIG mailing), hfsig@tapr.org (HF SIG mailing),
dsp-93@tapr.org (DSP-93 Build), ss@tapr.org, tapr-tnc@tapr.org
Message-ID: <199603042152.PAA21342@tapr.org>
Rendered body type: text/plain

Press Release. Please distribute as widely as possible. <http://www.tapr.org>
March 1st, 1996

ARRL and TAPR Digital Communications Conference
September 20-22, 1996
Seattle, WA, U.S.A.

1996 ARRL and TAPR Digital Communications Conference

Mark your calendar and start making plans to attend the year's premier event
in amateur radio digital communications --

The 1996 ARRL and TAPR Digital Communications Conference will be held
September 20-22, 1996, in Seattle, Washington -- just minutes from the
SeaTac Airport. Local sponsors include the Puget Sound Amateur Radio TCP/IP
Group and Boeing Employees Amateur Radio Society (BEARS).

The ARRL and TAPR Digital Communications Conference is an international
forum for radio amateurs and experts in digital communications, networking,
and related technologies to meet, publish their work, and present new ideas
and techniques for discussion. Presenters and attendees will have the
opportunity to exchange ideas and learn about recent hardware and software
advances, theories, experimental results, and practical applications. This
year marks the first year in which the ARRL Digital Communications
Conference and TAPR Annual General Meeting have joined into one conference!

Anyone interested in digital communications is invited to submit a paper for
publication in the Conference Proceedings. Presentation at the Conference
is not required for publication. Papers are due by July 23, 1996, and
should be submitted to Maty Weinberg, ARRL, 225 Main St., Newington, CT
06111 U.S.A. or via Internet at lweinberg@arrl.org. Please contact Maty for
detailed format requirements. Papers are due by July 23, 1996

ARRL and TAPR especially welcome papers from full time students to compete
for the first annual student papers award. Two \$500 travel awards will be
given, one in each of the following categories: a) best
technical/theory-oriented paper by a student, and b) best educational or
community-oriented application paper by a student. The paper should relate
directly to a wireless digital communication topic (see guidelines for more
information). Papers coauthored by educators or telecommunications
professionals are also eligible for this award, as long as a student is the
first author. First year awards have been funded through a grant by The
ARRL Foundation, Inc. Deadline for receipt of finished student paper
manuscript: June 11, 1996. Please note that this deadline is different than
the general conference submission date. For full details and paper
guidelines, contact TAPR or check <http://www.tapr.org>.

The current schedule has a workshop and student papers on Friday afternoon.
Conference Papers, Introductory thread, Lunch, and Dinner on Saturday.
Sunday will have additional paper sessions, if necessary, as well as one or
more workshops. Workshops will include Keith Sproul, WU2Z, on APRS
packet-location software, Dewayne Hendricks, WA8DZP, on "How to utilize
Part 15 Radios for Ham Applications" and a workshop on Wireless Networking
using WA4DSY 56K RF modem technology and its accessories. See the advanced
registration form for more details as well as <http://www.tapr.org>

For more information on the Conference, registration, and hotel reservations
please contact TAPR at the address below.

TAPR Office:
8987-309 E. Tanque Verde Rd. #337
Tucson, AZ 85749-9399

Phone: (817) 383-0000
Fax: (817) 566-2544

Internet E-Mail: tapr@tapr.org
Internet Web: <http://www.tapr.org>

24. Re: [BBSSIG:2358] Re: WinFBB

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Mon, 04 Mar 1996 22:22:40 +0000
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960304222240.0067d964@midusa.net>
Rendered body type: text/plain

At 02:38 PM 3/4/96 -0600, you wrote:
>Charles Brabham wrote:
>>
>> I got it work in test mode OK, liked it a lot, but have had no luck getting
>> it to fly with BPQ.
>>
>(snip)
>> Elmers: Let me know if more detailed info on my setup is needed.
>>
>> ----- 73 DE Charles Brabham N5PVL -----
>> Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
>> E-mail: n5pvl@texoma.com
>> HomePage: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>
>> -----
>
>Charles, I don't know a thing about DRSI or AEA, so this may not help you.
>I'm running BPQ ver 4.08 from AUTOEXEC.BAT, then Win95. Make sure the files
>BPQDLL.DLL and BPQCODE.386 are in your WINDOWS\SYSTEM directory.
>
>I'm using MFJ 1270 TNC's in KISS.
>
>--
>-----
>Don Lewis, KI7AE mailto:donlewis@magick.net
>2919 Summers Lane Voice: +(541) 882-9919
>Klamath Falls, OR 97603 BBS: +(541) 883-1587
>
>ki7ae@ki7ae.seor.or.usa.noam
>
>
>I'm using the same setup (bpq 4.08 from autoexec.bat, then win95...and it
>works, but nothing shows in the monitor window. Suggestions anyone???
Jim Brooks jbrooks@midusa.net
Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

25. (no subject)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: (date unavailable)
Message-ID: <199603050028.SAA00726@zeus.ia.net>
Rendered body type: text/plain

Subject: Re: [BBSSIG:2341] re: bbs info
To: bbssig@tapr.org
Date: Mon, 4 Mar 1996 18:28:39 -0600 (CST)
In-Reply-To: <m0tsnHM-000JetC@slip.net> from "Larry Kenney, WB9LOZ" at Mar 2, 96 03:10:51 am
X-Mailer: ELM [version 2.4 PL24]
Content-Type: text

Larry

Thanks for posting all the fine policy and Sysop info to the BBSSIG.

Barry wa0rjt

26. Re: [BBSSIG:2363] Re: WinFBB

From: Dean R Madsen <dmadsen@iastate.edu>
Date: Tue, 05 Mar 1996 12:35:21 CST
To: bbssig@tapr.org
Message-ID: <9603051835.AA11296@pv6f27.vincent.iastate.edu>
Rendered body type: text/plain

>I'm using the same setup (bpq 4.08 from autoexec.bat, then win95...and it
>works, but nothing shows in the monitor window. Suggestions anyone???
>Jim Brooks jbrooks@midusa.net
>Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

Jim Brooks jbrooks@midusa.net
Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Tue, 05 Mar 1996 22:33:28 +0000
To: bbssig@tapr.org
Message-ID: <1.5.4b11.32.19960305223328.0067682c@midusa.net>
Rendered body type: text/plain

```
>  
>Do you have M1 in your INITTNC1.SYS?  
>  
>73,  
>Dean - KE0W0  
>
```

What I didn't have was the computer's com ports defined in port.sys. It worked fine under 5.15 (at least I thought so!). Works great now, and so does your beta mfilter.dll, Dean. Thanks!

Jim Brooks jbrooks@midusa.net
Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

From: Don Lewis <donlewis@magick.net>
Date: Tue, 05 Mar 1996 17:20:43 -0800
To: bbssig@tapr.org
Message-ID: <313CE86B.4ECB@magick.net>
Rendered body type: text/plain

LEWIS
ki7ae@ki7ae.#seor.or.usa.noam
mailto:donlewis@magick.net

From: Dean R Madsen <dmdadsen@iastate.edu>
Date: Tue, 05 Mar 1996 21:39:42 CST
To: bbssig@tapr.org
Message-ID: <9603060339.AA01440@pv6f26.vincent.iastate.edu>
Rendered body type: text/plain

Seems to Work fine for me. FBB_SVC.EXE and FBB_SVC.PIF are the files that control the "server" window that pops up minimized to run DOS programs. In beta versions, FBB_SVC.PIF needed to be changed because it tried to start up in a specific directory (that was not on my system). I looked

and I see no problem with the FBB_SVC.PIF included with 7.00. You might need to be sure to include a explicit path to make sure the program is found. For example (from my CRON.SYS):

X \FBB\BIN\MAILREN.EXE

73,
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy        +
+      ke0wo@iastate.edu                    Ames, Iowa                +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA      FBB Beta tester           Cellist +
+      Secretary for the Tristate Amateur Packet Association          +
+      Treasurer for the Cyclone Amateur Radio Club                   +
+++++
```

32. F6FBB Listserv

From: system.administrator@phx-az.com (System Administrator)
Date: Wed, 6 Mar 1996 04:55:23 GMT
To: bbssig@tapr.org
Message-ID: <96030521574559@phx-az.com>
Rendered body type: text/plain

Hi All,

For those of you that are running the new WINFBB, if you are not already subscribed to F6FBB-LIST@PHX-AZ.COM, I'd suggest jumping on the bandwagon. There is a great deal of discussion on the list concerning the new release.

If you would like to subscribe, the address is:

F6FBB-LIST@PHX-AZ.COM
SUBSCRIBE <-----MESSAGE SUBJECT.

You will receive a confirmation upon successful subscription.

Daniel

33. BPQ under Win '95

From: "Albert D. Lawson" <wb7awl@magick.net>
Date: Wed, 6 Mar 96 07:32 PST
To: bbssig@tapr.org
Message-ID: <m0tulCb-000PZiC@gp.magick.net>
Rendered body type: text/plain

Hi and thanks for reading,

Here's an interesting problem I'm having with BPQ under Win '95. Maybe someone can help.....

I'm getting massive "timer overruns" and "RX Overruns" when I run the switch under Windows '95. I'm loading BPQ from autoexec.bat and have the correct BPQ Windows drivers in the c:\windows\system directory. Right now I have one serial port configured for a KISS TNC at 4800 baud, the serial port UART is an 8250. My computer is a 486 50 with 8 megs of ram. I'm not running any memory managers.

Now in the BPQ docs Wiseman suggests that RX Overruns are caused by slow UARTS, and that Timer Overruns are caused by the machine's CPU not being "fast enough" to support the switch. The UART part of it I would tend to believe....but the "slow" CPU...??? Can anyone suggest a cause as to why this is happening...??? Why would the switch work fine under DOS but not under Win '95...???

"Some Days It Just Isn't Worth Chewing Through The Leather Straps"

Albert D. Lawson
Internet: wb7awl@magick.net
Packet: WB7AWL@WB7AWL.#SWOR.OR.USA.NOAM

34. [1][BBSSIG-2371] F6FBB List

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 6 Mar 1996 08:21:47 -0500
To: bbssig@tapr.org
Message-ID: <199603061344.FAA20846@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2371] F6FBB Listserv
*** UNKNOWN USER ***

35. re: [BBSSIG:2356] WinFBB 7.00

From: PHallgar@sma.gov.au
Date: 7 MAR 96 11:11:45 EDT
To: bbssig@tapr.org
Message-ID: <0000bdpjxtff.0000ammkówek@sma.gov.au>
Rendered body type: text/plain

C=US/A=INTERNET/DDA=ID/bbssig(a)tapr.org Wrote:

|
| Can anyone tell me who is on the beta-team? I want to
| send
| bug-reports.
|
| 03/04/96 - Discovered editor bug. When attempting to edit
| a non-existing file, the
| editor does not assume a "create". Crashes
| with GPF.
|

Found this one very quickly....

Has anybody noticed that the new win fbb does not seem to get the connected
port via bpq right?????

73 Peter VK3AVE

36. [1][BBSSIG-2372] BPQ under

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 6 Mar 1996 13:23:22 -0500
To: bbssig@tapr.org
Message-ID: <199603061851.KAA06965@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2372] BPQ under Win '95
*** UNKNOWN USER ***

37. [1][BBSSIG-2373] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 6 Mar 1996 13:23:29 -0500
To: bbssig@tapr.org
Message-ID: <199603061851.KAA06962@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2373] [1][BBSSIG-2371] F6
*** UNKNOWN USER ***

38. WinFBB in Windows 3.1

From: "Stan Vandiver" <kd9be@nitco.com>
Date: Thu, 7 Mar 1996 02:47:30 +0000
To: bbssig@tapr.org
Cc: f6fbb-list@phx-az.com
Message-ID: <9603010847.AA22401@aegis.nitco.com>
Rendered body type: text/plain

Hi All... here's my 2 cents worth...

I'm not running Windows 95 or 3.11 as I've seen in most of the
messages so far. But I did manage to get WinFBB running today
on my ol' 386/16 with 4MB ram with these changes (which I haven't
seen reported by anyone else):

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FBB_SVC.PIF
SLEEP.COM

I kept getting "can't find" errors for these files... except I moved
SLEEP.COM to avoid the "bad command or filename" error when the

RUNFBB.BAT executes the start/stop scripts.

Multi-tasking is obviously very slow due to my system limitations, but WinFBB is running in the background as I type this message. I'm running BPQ 4.08a from autoexec.bat as suggested. Seems to be working pretty well now....

Best of luck to all!

73, Stan/KD9BE
email: kd9be@nitco.com
www: http://www.nitco.com/users/kd9be/
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

39. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451065512@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6fbb-List@Phx-Az.Com With A SUBJECT Of: UNSUBSCRIBE

F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

40. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450965511@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

41. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450465504@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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www: http://www.nitco.com/users/kd9be/
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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{ ArizonaONE }

42. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451165513@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

43. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450865509@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000

Subject: WinFBB in Windows 3.1

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ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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{ ArizonaONE }

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From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450665507@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
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ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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45. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451265514@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

46. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451365516@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org

Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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email: kd9be@nitco.com
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ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

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From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450465505@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

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From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451265515@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

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{ ArizonaONE }

49. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451565518@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
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www: <http://www.nitco.com/users/kd9be/>
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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{ ArizonaONE }

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From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451465517@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
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be working pretty well now....

Best of luck to all!

73, Stan/KD9BE
email: kd9be@nitco.com
www: http://www.nitco.com/users/kd9be/
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

To UNSUBSCRIBE Yourself From This List Please Send E-Mail To:
F6fbb-List@Phx-Az.Com With A SUBJECT Of: UNSUBSCRIBE

F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

51. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702451565519@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

Hi All... here's my 2 cents worth...

I'm not running Windows 95 or 3.11 as I've seen in most of the messages so far. But I did manage to get WinFBB running today on my ol' 386/16 with 4MB ram with these changes (which I haven't seen reported by anyone else):

I moved the following files from C:\FBB\BIN to C:\FBB ---

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FBB_SVC.PIF
SLEEP.COM

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email: kd9be@nitco.com
www: http://www.nitco.com/users/kd9be/
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

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From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450765508@phx-az.com>

Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
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73, Stan/KD9BE
email: kd9be@nitco.com
www: <http://www.nitco.com/users/kd9be/>
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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{ ArizonaONE }

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From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450865510@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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email: kd9be@nitco.com
www: <http://www.nitco.com/users/kd9be/>
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6fbb-List@Phx-Az.Com With A SUBJECT Of: UNSUBSCRIBE

F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

54. WinFBB in Windows 3.1

From: f6fbb-list@phx-az.com (F6fbb-list)
Date: Thu, 7 Mar 1996 02:47:30 GMT
To: bbssig@tapr.org
Message-ID: <96030702450565506@phx-az.com>
Rendered body type: text/plain

From: "Stan Vandiver" <kd9be@nitco.com>
To: bbssig@tapr.org
Date: Thu, 7 Mar 1996 02:47:30 +0000
Subject: WinFBB in Windows 3.1

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I moved the following files from C:\FBB\BIN to C:\FBB ---
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email: kd9be@nitco.com
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ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

From: kd9be@nitco.com

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F6fbb-List@Phx-Az.Com With A SUBJECT Of: UNSUBSCRIBE

F6FBB SUPPORT BBS: +1-602-912-0225

{ ArizonaONE }

55. Re: [BBSSIG:2384] WinFBB in Windows 3.1

From: Dean R Madsen <dmdadsen@iastate.edu>
Date: Thu, 07 Mar 1996 07:50:47 CST
To: bbssig@tapr.org

Message-ID: <9603071350.AA04043@pv6f26.vincent.iastate.edu>

Rendered body type: text/plain

```
>I moved the following files from C:\FBB\BIN to C:\FBB ---
>RUNFBB.BAT
>RUNFBB.PIF
>FBB_SVC.EXE
>FBB_SVC.PIF
>SLEEP.COM
>
>I kept getting "can't find" errors for these files... except I moved
>SLEEP.COM to avoid the "bad command or filename" error when the
>RUNFBB.BAT executes the start/stop scripts.
>
```

Do you have \FBB\BIN in your path? It seems that \FBB is the default directory for server operations, etc, so moving the files to \FBB would solve the problem if you didn't have \FBB\BIN in your path statement.

73,

Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy        +
+      ke0wo@iastate.edu                     Ames, Iowa                +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA        FBB Beta tester          Cellist    +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                    +
+++++
```

56. [1][BBSSIG-2390] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:54 -0500
To: bbssig@tapr.org
Message-ID: <199603071354.FAA13650@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2390] WinFBB in Windows 3
*** UNKNOWN USER ***

57. [1][BBSSIG-2385] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:10 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22797@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2385] WinFBB in Windows 3
*** UNKNOWN USER ***

58. [1][BBSSIG-2383] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:48 -0500
To: bbssig@tapr.org
Message-ID: <199603071441.GAA22740@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2383] WinFBB in Windows 3
*** UNKNOWN USER ***

59. [1][BBSSIG-2393] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:05 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22800@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2393] WinFBB in Windows 3
*** UNKNOWN USER ***

60. [1][BBSSIG-2387] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:53:51 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22811@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2387] WinFBB in Windows 3
*** UNKNOWN USER ***

61. [1][BBSSIG-2379] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:15 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22791@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2379] WinFBB in Windows 3
*** UNKNOWN USER ***

62. [1][BBSSIG-2392] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:01 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22803@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2392] WinFBB in Windows 3
*** UNKNOWN USER ***

63. [1][BBSSIG-2378] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:53:56 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22808@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2378] WinFBB in Windows 3
*** UNKNOWN USER ***

64. [1][BBSSIG-2386] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:20 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22787@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2386] WinFBB in Windows 3
*** UNKNOWN USER ***

65. [1][BBSSIG-2389] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:43 -0500
To: bbssig@tapr.org
Message-ID: <199603071441.GAA22745@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2389] WinFBB in Windows 3
*** UNKNOWN USER ***

66. [1][BBSSIG-2391] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:38 -0500
To: bbssig@tapr.org
Message-ID: <199603071441.GAA22750@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2391] WinFBB in Windows 3
*** UNKNOWN USER ***

67. [1][BBSSIG-2384] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:34 -0500
To: bbssig@tapr.org
Message-ID: <199603071441.GAA22756@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2384] WinFBB in Windows 3
*** UNKNOWN USER ***

68. [1][BBSSIG-2380] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:24 -0500
Message-ID: <199603071442.GAA22782@netcomsv.netcom.com>
Rendered body type: text/plain

To: bbssig@tapr.org

Reply to: [1][BBSSIG:2380] WinFBB in Windows 3
*** UNKNOWN USER ***

69. [1][BBSSIG-2382] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:54:29 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22771@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2382] WinFBB in Windows 3
*** UNKNOWN USER ***

70. [1][BBSSIG-2381] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:53:46 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22818@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2381] WinFBB in Windows 3
*** UNKNOWN USER ***

71. [1][BBSSIG-2388] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:53:41 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22825@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2388] WinFBB in Windows 3
*** UNKNOWN USER ***

72. [1][BBSSIG-2377] WinFBB in

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 08:53:36 -0500
To: bbssig@tapr.org
Message-ID: <199603071442.GAA22828@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2377] WinFBB in Windows 3
*** UNKNOWN USER ***

73. [1][BBSSIG-2394] Re- WinFBB

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 09:46:22 -0500
To: bbssig@tapr.org
Message-ID: <199603071508.HAA23529@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2394] Re: WinFBB in Windo
*** UNKNOWN USER ***

74. The UNKONW user

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 7 Mar 1996 09:46:38 -0600 (CST)
To: bbssig@tapr.org (BBS SIG mailing)
Message-ID: <199603071546.JAA28969@tapr.org>
Rendered body type: text/plain

Hi Barry,

Mr. Scott Szretter has been removed, thus the bounced e-mail should stop shortly. Don't know why the original FBB message got posted X times though.

Cheers - Greg

75. [1][BBSSIG-2412] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 12:32:07 -0500
To: bbssig@tapr.org
Message-ID: <199603071729.JAA19960@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2412] [1][BBSSIG-2394] Re
*** UNKNOWN USER ***

76. [1][BBSSIG-2402] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 12:32:12 -0500
To: bbssig@tapr.org
Message-ID: <199603071729.JAA19949@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2402] [1][BBSSIG-2378] Wi
*** UNKNOWN USER ***

77. Re: [BBSSIG:2318] HF Forwarding

From: bewwhite@ibm.net
Date: Sun, 03 Mar 96 13:51:29 +1100
To: bbssig@tapr.org
Message-ID: <9603032156.BT0017@localhost>
Rendered body type: text/plain

Karl asks about 1200bs psk modems. They are in common use here in this part of the world for HF bbs forwarding. There is a kit produced by John Miller G3RUH of 9600bd fame. 1200bd psk works very well indeed. Listening to it operating data moves just as quickly as 1200bd afsk on vhf. So long as reasonable signals are present s5 and over it will work with very few retries. Have a listen around 14.112 Mhz.

73
Barry White
bewwhite@ibm.net
VK2AAB @ VK2WI.NSW.AUS.OC

78. Re: [BBSSIG:2394] Re: WinFBB in Windows 3.1

From: "Stan Vandiver" <kd9be@nitco.com>
Date: Thu, 7 Mar 1996 15:13:14 +0000
To: bbssig@tapr.org
Cc: f6fbb-list@phx-az.com
Message-ID: <9602292112.AA06003@aegis.nitco.com>
Rendered body type: text/plain

> >I moved the following files from C:\FBB\BIN to C:\FBB ---
> >RUNFBB.BAT
> >RUNFBB.PIF
> >FBB_SVC.EXE
> >FBB_SVC.PIF
> >SLEEP.COM
> >
> >I kept getting "can't find" errors for these files... except I moved
> >SLEEP.COM to avoid the "bad command or filename" error when the
> >RUNFBB.BAT executes the start/stop scripts.
> >
> >
> >Do you have \FBB\BIN in your path? It seems that \FBB is the default
> >directory for server operations, etc, so moving the files to \FBB would
> >solve the problem if you didn't have \FBB\BIN in your path statement.
> >73,
> >Dean - KE0WO

Interesting Dean! I checked, and sure enuff, the BIN directory was not in the path. I thought the install file updated autoexec.bat??? So anyway, I moved the files back to BIN, put it in the path statement manually, rebooted, and tried that --- NO LUCK tho'!!! I put them back in \FBB (its in the path statement) and it works again. Hmmm?!?! RUNBAT.EXE remains in the BIN directory though.

With the advice of those on the sigs... I also changed MultCh in port.sys to 0... and the monitoring feature started working.

Good luck to all.... fun, isn't it?

73, Stan/KD9BE
email: kd9be@nitco.com
www: http://www.nitco.com/users/kd9be/
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

79. [1][BBSSIG-2408] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:06:26 -0500

To: bbssig@tapr.org
Message-ID: <199603071703.JAA20847@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2408] [1][BBSSIG-2382] Wi
*** UNKNOWN USER ***

80. [1][BBSSIG-2395] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 10:12:39 -0500
To: bbssig@tapr.org
Message-ID: <199603071534.HAA17724@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2395] [1][BBSSIG-2390] Wi
*** UNKNOWN USER ***

81. [1][BBSSIG-2397] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:06:44 -0500
To: bbssig@tapr.org
Message-ID: <199603071703.JAA20823@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2397] [1][BBSSIG-2383] Wi
*** UNKNOWN USER ***

82. [1][BBSSIG-2399] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:06:16 -0500
To: bbssig@tapr.org
Message-ID: <199603071704.JAA20860@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2399] [1][BBSSIG-2387] Wi
*** UNKNOWN USER ***

83. [1][BBSSIG-2409] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 12:32:24 -0500
To: bbssig@tapr.org
Message-ID: <199603071756.JAA22875@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2409] [1][BBSSIG-2381] Wi
*** UNKNOWN USER ***

84. [1][BBSSIG-2411] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:06:32 -0500
To: bbssig@tapr.org
Message-ID: <199603071703.JAA20838@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2411] [1][BBSSIG-2377] Wi
*** UNKNOWN USER ***

85. [1][BBSSIG-2400] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:06:38 -0500
To: bbssig@tapr.org
Message-ID: <199603071703.JAA20829@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2400] [1][BBSSIG-2379] Wi
*** UNKNOWN USER ***

86. [1][BBSSIG-2410] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 12:32:18 -0500
To: bbssig@tapr.org
Message-ID: <199603071756.JAA22884@netcomsv.netcom.com>
Rendered body type: text/plain

Reply to: [1][BBSSIG:2410] [1][BBSSIG-2388] Wi
*** UNKNOWN USER ***

87. [1][BBSSIG-2407] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:07:05 -0500
To: bbssig@tapr.org
Message-ID: <199603071703.JAA20793@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2407] [1][BBSSIG-2380] Wi
*** UNKNOWN USER ***

88. [1][BBSSIG-2401] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:06:55 -0500
To: bbssig@tapr.org
Message-ID: <199603071703.JAA20816@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2401] [1][BBSSIG-2392] Wi
*** UNKNOWN USER ***

89. [1][BBSSIG-2396] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:07:10 -0500
To: bbssig@tapr.org
Message-ID: <199603071702.JAA20784@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2396] [1][BBSSIG-2385] Wi
*** UNKNOWN USER ***

90. [1][BBSSIG-2406] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:07:21 -0500
To: bbssig@tapr.org
Message-ID: <199603071702.JAA20768@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2406] [1][BBSSIG-2384] Wi
*** UNKNOWN USER ***

91. [1][BBSSIG-2398] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:07:16 -0500
To: bbssig@tapr.org
Message-ID: <199603071702.JAA20777@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2398] [1][BBSSIG-2393] Wi
*** UNKNOWN USER ***

92. [1][BBSSIG-2405] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:07:26 -0500
To: bbssig@tapr.org
Message-ID: <199603071702.JAA20754@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2405] [1][BBSSIG-2391] Wi
*** UNKNOWN USER ***

93. [1][BBSSIG-2403] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 11:07:00 -0500
To: bbssig@tapr.org
Message-ID: <199603071703.JAA20807@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2403] [1][BBSSIG-2386] Wi
*** UNKNOWN USER ***

94. [1][BBSSIG-2404] [1][BBSSIG

From: "Scott Szretter" <scott_szretter@eesco.com>
Date: 7 Mar 1996 12:32:29 -0500
To: bbssig@tapr.org
Message-ID: <199603071756.JAA22860@netcomsv.netcom.com>
Rendered body type: text/plain
Reply to: [1][BBSSIG:2404] [1][BBSSIG-2389] Wi
*** UNKNOWN USER ***

95. Re: [BBSSIG:2394] Re: WinFBB in Windows 3.1

From: ku0g@sprynet.com
Date: Thu, 7 Mar 1996 14:59:02 -0800
To: bbssig@tapr.org
Message-ID: <199603072259.OAA06362@sprynet.com>
Rendered body type: text/plain

Why am I getting a dozen copies of some pieces of EMail off of this SIG???
It looks like they're getting multiplied like rabbits with dual subjects!
Anybody else seeing this problem?

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

"Can't we all just get along?" -- R. King, 1994.

96. Re: [BBSSIG:2417] Re: WinFBB in Windows 3.1

From: Dean R Madsen <dmadsen@iastate.edu>
Date: Thu, 07 Mar 1996 19:32:06 CST
To: bbssig@tapr.org
Message-ID: <9603080132.AA05692@pv6f26.vincent.iastate.edu>
Rendered body type: text/plain

>Interesting Dean! I checked, and sure enuff, the BIN directory was
>not in the path. I thought the install file updated autoexec.bat???
>So anyway, I moved the files back to BIN, put it in the path
>statement manually, rebooted, and tried that --- NO LUCK tho'!!!
>I put them back in \FBB (its in the path statement) and it works again.
>Hmmm?!?! RUNBAT.EXE remains in the BIN directory though.
>

Do you have a statement of
SET FBB=C:\FBB

in your autoexec.bat? That is the only other thing I can think of that
might be missing. You might try entering SET at the DOS prompt to
verify that the \FBB\BIN directory is proper in the path statement.

Also, some have asked what to do with bug reports. In the interest of
making sure bug reports get back to F6FBB (he can't fix it if he doesn't
know about it). I will volunteer to collect, condense, verify, and pass
them as I have been before the public release, UNTIL there is an
official procedure established.

FYI, reports of "It crashes" or "It locks up" are of little use
unless you qualify that statement with "when".

73,
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy        +
+      ke0wo@iastate.edu                     Ames, Iowa                +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA        FBB Beta tester          Cellist +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                     +
+++++
```

97. problems

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 7 Mar 1996 21:03:06 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199603080303.VAA01148@zeus.ia.net>
Rendered body type: text/plain

Folks,
We are having some problems witha message bouncing. I'm trying to
get it fixed. Sorry for the inconvenience.

Barry

98. RE: [BBSSIG:2383] WinFBB in Windows 3.1

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Date: Thu, 7 Mar 1996 19:05:17 -0500 (EST)

To: bbssig@tapr.org
Message-ID: <960307190517.3f92@ids.net>
Rendered body type: text/plain

How many copies of this @#\$^! message will we get! I count at least 9 in a 24 hour period! Enough is enough! I'm crying "Uncle"!

... Ed, K1BYV

99. Re: WinFBB in Windows 3.1

From: "Stan Vandiver" <kd9be@nitco.com>
Date: Fri, 8 Mar 1996 11:09:00 +0000
To: bbssig@tapr.org
Message-ID: <9603081518.AA01007@aegis.nitco.com>
Rendered body type: text/plain

>
> Do you have a statement of
> SET FBB=C:\FBB
>
> in your autoexec.bat? That is the only other thing I can think of that
> might be missing. You might try entering SET at the DOS prompt to
> verify that the \FBB\BIN directory is proper in the path statement.

Okay Dean.... that made it work with the files back in the \FBB\BIN directory. Still, these path and set statements should have been put in autoexec.bat by the installer.

Only real "problem" I've had is that the computer locks up if I go to the local console immediately after starting the program. No error messages, just locks up. (Again, I'm using a dinosaur - 386/16 here.) I can connect from another station here in the shack, and then after that I can use the local console just fine. This has been consistent so far too.

Might also be nice if runfbb.bat script didn't try to copy dirmes.sys to the B drive! Easy enough to change... but why B: ???

Thanks for your help and tips!

73, Stan/KD9BE
email: kd9be@nitco.com
www: <http://www.nitco.com/users/kd9be/>
ax25: kd9be@n9ofr.#nwin.in.usa.noam
ampr: kd9be@kd9be.ampr.org [44.48.10.8]

100. Re: [BBSSIG:2436] problems

From: n5pvl@texoma.com (Charles Brabham)
Date: Fri, 8 Mar 1996 09:26:18 -0600
To: bbssig@tapr.org
Message-ID: <199603081526.JAA12903@mercury.texoma.com>
Rendered body type: text/plain

>
>Folks,
>We are having some problems witha message bouncing. I'm trying to
>get it fixed. Sorry for the inconvenience.
>
>Barry
>

Thanks, Barry! I've just been wiping out the multiples, and letting it go at that. These kind of things happen occasionally, and it can't be helped. Folks will always complain, though.. I wouldn't feel bad about it.. It ain't your fault!

----- 73 DE Charles Brabham N5PVL -----
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
E-mail: n5pvl@texoma.com
HomePage: <http://www.texoma.com/personal/n5pvl/n5pvl.htm>

101. WinFBB won't accept forwards...

From: ku0g@sprynet.com
Date: Fri, 8 Mar 1996 16:18:04 -0800
To: bbssig@tapr.org
Cc: w0xk19@idir.net
Message-ID: <199603090018.QAA02312@sprynet.com>

Rendered body type: text/plain

<---- Begin Forwarded Message ---->
From: ku0g@sprynet.com
Subject: WinFBB won't accept forwards...
To: f6fbb-list@phx-az.com (F6fbb-list)

HELP!

I got WinFBB up and running Sunday. I find two problems here...

1) Whenever I shut down (or crash as the case may be) the TNC seems to get stuck in the BUSY mode and nobody can connect for getting the *** KU0G BUSY *** and being disconnected.

2) When a known BBS initiates a connect my system responds with an error that states unknown command. W0XK will connect and send his ID string (i.e. [FBB-5.15C-\$ABFMHR1]). My system responds with "ERROR [[FBB-5.15C-\$ABFMHR1]] IS NOT A VALID COMMAND. XK will continue to initiate a forward proposal in the format "FA(message identifier)". This is also given the "ERROR [FA] IS NOT A VALID COMMAND."

What am I doing wrong here?

I used my ORIGINAL FBB directory for the upgrade. I moved the old language files out and installed the new ones.

Any ideas/suggestions are definitely appreciated!!!

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

"Can't we all just get along?" -- R. King, 1994.
<---- End Forwarded Message ---->

Best 73,
Jim Duncan, KU0G
APRS--Kansas City Coordinator
EMail: ku0g@sprynet.com

"Can't we all just get along?" -- R. King, 1994.

102. Re: [BBSSIG:2437] RE: WinFBB in Windows 3.1

From: n8xsf <n8xsf@ix.netcom.com>
Date: Sat, 09 Mar 1996 20:46:41 -0500
To: bbssig@tapr.org
Message-ID: <199603090147.RAA14672@ix16.ix.netcom.com>
Rendered body type: text/plain

Life is like a bowl of cherries, some times it's the pits! If you can not handle using the delete key.....

Steve N8XSF

At 06:37 AM 3/8/96 -0600, you wrote:
>How many copies of this @#\$%^! message will we get! I count at least 9 in
>a 24 hour period! Enough is enough! I'm crying "Uncle"!
>
>.. Ed, K1BYV
>
>
>

103. Wanted Asian Internet Contacts

From: Phillip Conza <z12tze@mlb.planet.gen.nz>
Date: Sun, 10 Mar 1996 12:41:38 +1300 (NZDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960310123614.23953C-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi ,

I am looking for BBS's in the China, Japan, Indonesia, Philippines area that would be interested in E-Mail forwarding of Private SP messages.

Please send reply to
z12tze@mlb.planet.gen.nz

104. Re: [BBSSIG:2438] Re: WinFBB in Windows 3.1

From: Dean R Madsen <dmdadsen@iastate.edu>
Date: Sat, 09 Mar 1996 18:12:15 CST
To: bbssig@tapr.org
Message-ID: <9603100012.AA08778@pv6f26.vincent.iastate.edu>
Rendered body type: text/plain

>
>Okay Dean.... that made it work with the files back in the \FBB\BIN
>directory. Still, these path and set statements should have been put
>in autoexec.bat by the installer.
>

I will try to verify that it doesn't and then report the bug.

>Only real "problem" I've had is that the computer locks up if I go to
>the local console immediately after starting the program.. No error
>messages, just locks up. (Again, I'm using a dinosaur - 386/16 here.)
>I can connect from another station here in the shack, and then after
>that I can use the local console just fine. This has been consistent
>so far too.
>

Yes, I have reported this the past few beta versions. Let the CRON.SYS
be processed (you should see the FBB Server icon appear at the bottom of
the screen.) then wait for disk activity to stop and then you should be
able to log in.

>Might also be nice if runfbb.bat script didn't try to copy dirmes.sys
>to the B drive! Easy enough to change... but why B: ???
>

Probably the drive JPR backs up his dirmes.sys to.

73,
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmdadsen@iastate.edu             Iowa State Univeristy      +
+      ke0wo@iastate.edu                     Ames, Iowa                +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA        FBB Beta tester           Cellist +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                    +
+++++
```

105. RE: [BBSSIG:2441] RE: WinFBB in Windows 3.1

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Date: Sat, 9 Mar 1996 15:19:07 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <960309151907.192b@ids.net>
Rendered body type: text/plain

Aw shucks, fellas... I was just venting with tongue in cheek! My
delete/purge command did get a workout <G>... Ed, K1BYV

106. (no subject)

From: (unknown sender)
Date: (date unavailable)
Rendered body type: text/plain

Received: from slip.net (slip-3.slip.net [204.160.88.17]) by tapr.org (8.7.5/8.7.3/1.8) with SMTP id
XAA13736 for <bbssig@tapr.org>; Sun, 10 Mar 1996 23:32:06 -0600 (CST)

Received: from p58.slip.net by slip.net with smtp
(Smail3.1.29.1 #1) id m0tvrsw-000JoGC; Sun, 10 Mar 96 12:38 PST

Message-Id: <m0tvrsw-000JoGC@slip.net>
Date: Sun, 10 Mar 96 12:38 PST
X-Sender: lkenney@slip.net
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: bbssig@tapr.org
From: lkenney@slip.net (Larry Kenney, WB9LOZ)
Subject: Installation of WFBB 7.00 < VE4KV

A bulletin was received on packet from Doug, VE4KV, one of the FBB
beta test sites, with some suggestions for installing WFBB 7.00.
I haven't seen the information here, so I'm passing on a copy.

73, Larry, WB9LOZ@W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net

- - -

Hi guys, now that the dust is starting to settle with the v7.00 release there are some install suggestions that were not mentioned. I have tried to put some of these together for a "typical" basic bpq plus phone modem install.

It appears the install is not overwriting the old 5.15c english.txt language file. So the first thing to do is rename it to anything other than english.txt so you get the updated file. (there are a few extra lines in the new english.txt for the themes and msg hold functions) Now proceed with copying the install files to a floppy and put in drive A: . Do the install.

DO NOT load FBBIOS or ESS comports drivers if you run WinFBB. The FBBCOMM.DRV takes their place in the background with windows. Check your autoexec.bat now to see they are disabled.

WinFBB does it's own memory management so do not use EMM386 or QEMM in either Win95 or Win3.11. With Win3.11 use himem.sys only.

Do not use smartdrv.exe with Win95. (Yes use it with Win3.11)

To prevent bpq and windows both trying to grab the same comports put the following in your c:\windows\system.ini file MaxComPort=0

Put bpqcode.386 and bpqdll.dll in the c:\windows\system directory. Start bpqcode.exe from your autoexec.bat.

Use a single inittncl.sys for bpq and another for the phone port. (inittncl4 in this case)

inittncl.sys for bpq

A1
R0
UMAIL
M1
N1

inittncl4.sys for Robotics V Everything modem.

ATZ
ATZ^M
AT B0 V1
AT &B1 &C1 &H1 &M4 &N0 &K3 &A3 X3
AT S7=45
ATS02=255
ATS0=1

DO NOT load more than one inittncl.sys for bpq ! Check NOW to see no others exist and delete all not required.

When WinFBB is installed it will be in the test mode by default. Run it in test mode for a few minutes to see that the server files are working (FBB_SVC.PIF) . If the bbs crashes at this point there could be several reasons. Some servers are no longer compatible and must be rewritten as .DLLs. The same goes for the PG files like some password programs that use the C_filter. If in doubt disable all PG and server files and bring back up one at a time once the bbs is stable.

Another source of crashes at startup appears to be a possible problem with AUTO7P message or WP imports. Nukem if in doubt.

Here is what your port.sys should look like for a modem port and 3 bpq comports.

```
#Ports TNCs
2      4
#
#Com Interface Adress (Hex) Baud
2      6      2f8      38400
8      2      0        19200
#
#TNC NbCh Com MultCh PacIn Maxfr NbFwd MxBloc M/P-Fwd Mode Freq
0      0      0      0      0      0      0      0      00/01 ---- File-fwd.
```

1	9	8	0	0	2	1	10	31/60	QULWY	VE4KV-3
2	9	8	1	0	4	2	10	10/60	QULWY	VE4KV-3
3	9	8	2	0	1	2	10	20/60	QUY	VE4KV-3
4	1	2	0	128	7	1	10	15/60	MUWR	MODEM

Notice that the first tnc is MultCh 0. Important if you wish to monitor the radio channels !

In the bpqcfg.txt a SINGLE virtual comports is defined as com8 and is reflected in the above. The modem is on Com2 and mouse on Com1. In reality the real physical comports are on a STB-4 port card and reside on high interrupts and spare port address's. ie int12 03E8 etc. This is of course defined in the bpqcfg.txt in the physical port stuff. Nice that bpq takes care of all this ! (thanks from all of us to G8BPQ !!)

If your users attempt a ZPUT on the phone port you will probably get port overruns unless you have a special IO card like the Hayes ESP. It works well in windows and has a 1k buffer for both TX and RX.

On the subject of Comports you ARE using at least 16550s on your radio ports ?? I hope so or you will see protocol errors from bit dropping. This is really critical for 386 and low end 486 machines.

The runfbb.bat must be checked before walking away. The default one will try to backup to B:\ . If the system GPFs on shutdown check the runfbb.bat for typos.

If the screen writes are slow monitoring the freq then you need a Windows video card with some horsepower.

Hopefully these hints will be enough to get you going.

The following are some sites you may wish to send detailed reports of problems ...

Beta test Managers -
G1DIL @ GB7BBS - Andy
LA6CU @ LA6CU - Per

Long term Beta testers who work with G1DIL
G6FCI @ GB7FCI - Chris
VE4KV @ VE4KV - Doug
KE0W0 @ KE0W0 - Dean

Sorry I'm not sure who is working with LA6CU at this time.

Best73
Doug - WinFBB Beta Test Site

[Entered at 11:55 CST on 08-Mar/96]

107. WinFBB Screen Shot

From: Don Lewis <donlewis@magick.net>
Date: Thu, 14 Mar 1996 16:51:58 -0800
To: bbssig@tapr.org
Message-ID: <3148BF2E.7718@magick.net>
Rendered body type: text/plain

I just added a screen shot .GIF of WinFBB to my web page at:

<http://www.magick.net/~donlewis/ham/ki7ae.htm>

Stop by and take a peek if you'd like to see it.

73, Don <mailto:donlewis@magick.net>

108. Error msgs & UNSUB

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 14 Mar 1996 17:53:54 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199603142353.RAA21559@zeus.ia.net>
Rendered body type: text/plain

Folks,

We are getting a large number of error messages back from the BBSSIG. This is generally caused by people closing accounts and not UNSUBing from the list.

I have no alternative but to UNSUB people who are causing these messages.

If you get a message from the LISTPROC saying that you are UNSUBed, then the network is working properly but we still got a error msg. The solution is to:

1. Not get upset and send me hate mail.
2. Just SUB again.

To SUB, just send an email to: listproc@tapr.org and in the body of the message have one word: help
You will get a detailed message on how to subscribe.

To the 0.01% of the list who will be effected by this, please just go along with it.

73 Barry

109. FBB 5.15c help!! BPQ & BPQAX25

From: "Brian Ellse - ZR5DTS" <briane@iafrica.com>
Date: Fri, 15 Mar 1996 22:52:39 +2
To: bbssig@tapr.org
Message-ID: <m0txg0x-000AYrC@goofy.iafrica.com>
Rendered body type: text/plain

Hi All,

I am running F6FBB v5.15c, using a MFJ in KISS mode and a Baycom modem. Upto now I have been using BPQ v 4.07a for the KISS mode TNC and TFPCX286 for the Baycom. All works fine, but users have to connect to the BBS to gateway out on the other port.

I am now trying to get both the MFJ TNC (in KISS) and the Baycom to work through BPQ. I have loaded BPQAX25, then BPQCFG, and then BPQHTNC2, and every thing seems to work fine except for the reason I write this. FBB's monitor windows show nothing! I can hear (and see Tx/Rx lights) but the software is not reading the transactions onto the screen. When running just the one TNC through BPQ, the monitor correctly showed both port activities.

Please can anyone help me. Suggested BPQCFG.TXT, PORT.SYS and INTTNCx.SYS files will be greatly appreciated!!

--

Best Regards

Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
E-Mail: briane@iafrica.com Tel xx27-31-861581
Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581

110. Re: [BBSSIG:2448] FBB 5.15c help!! BPQ & BPQAX25

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 16 Mar 1996 06:29:27 -0700
To: bbssig@tapr.org
Message-ID: <199603161329.GAA08914@acca.nmsu.edu>
Rendered body type: text/plain

Guys I sent Brian my bpqcfg.txt and port.sys which I think will answer his questions. He wrote this message cuzz he was tired of waiting on me. There is no excuse for my delay. It just happened.

At 03:01 PM 3/15/96 -0600, you wrote:

>Hi All,

>

>I am running F6FBB v5.15c, using a MFJ in KISS mode and a Baycom
>modem. Upto now I have been using BPQ v 4.07a for the KISS mode
>TNC and TFPCX286 for the Baycom. All works fine, but users have
>to connect to the BBS to gateway out on the other port.

>

>I am now trying to get both the MFJ TNC (in KISS) and the Baycom
>to work through BPQ. I have loaded BPQAX25, then BPQCFG, and
>then BPQHTNC2, and every thing seems to work fine except for the
>reason I write this. FBB's monitor windows show nothing! I can
>hear (and see Tx/Rx lights) but the software is not reading the

>transactions onto the screen. When running just the one TNC
>through BPQ, the monitor correctly showed both port activities.
>
>Please can anyone help me. Suggested BPQCFG.TXT, PORT.SYS and
>INTTNCx.SYS files will be greatly appreciated!!
>
>--
>Best Regards
>
>Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
>E-Mail: briane@iafrica.com Tel xx27-31-861581
>Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

111. BPQ & Ethernet Port

From: Don Lewis <donlewis@magick.net>
Date: Sun, 17 Mar 1996 03:06:58 -0800
To: bbssig@tapr.org
Message-ID: <314BF252.675F@magick.net>
Rendered body type: text/plain

I'm hoping someone can help me get BPQ4.08a configured to work with ethernet. The docs are very sketchy. I'm running a Windows 95 network with stock 32-bit drivers. I don't have any experience with ODI, but I suspect that the ODIDRV supplied with BPQ is 16-bit. Has anyone tried this before?

73, Don KI7AE mailto:donlewis@magick.net

112. Re: [BBSSIG:2450] BPQ & Ethernet Port

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Tue, 19 Mar 1996 06:52:19 -0500
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <199603191152.GAA11797@snoopy>
Rendered body type: text/plain

At 09:24 PM 3/16/96 -0600, Don Lewis wrote:
>I'm hoping someone can help me get BPQ4.08a configured to work with
>ethernet. The docs are very sketchy. I'm running a Windows 95 network
>with stock 32-bit drivers. I don't have any experience with ODI, but I
>suspect that the ODIDRV supplied with BPQ is 16-bit. Has anyone tried
>this before?

Usually ODI is 16-bit. Novell released a new 32 bit ODI driver client. it still loads in your autoexec.bat like a 16-bit ODI driver. I haven't tried it with Win95 yet, but I have used the ODIDRV as a test to connect two bpq switches together... If you need anymore info, I'll look up the Win95 client info.

Novell does have info on their web site: [HTTP://www.novell.com](http://www.novell.com)
In there somewhere is talk about the new Win 95 client.

Enjoy.

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                       *
* WWW:      http://acwww.bloomu.edu/~wlbarn               *
* Packet   :  n3jix@n3jix.#lyc.pa.usa.noam               *
*****
```

113. Re: [BBSSIG:2451] Re: BPQ & Ethernet Port

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 19 Mar 1996 07:38:31 -0700
To: bbssig@tapr.org
Message-ID: <199603191438.HAA23345@acca.nmsu.edu>
Rendered body type: text/plain

At 05:59 AM 3/19/96 -0600, you wrote:
>At 09:24 PM 3/16/96 -0600, Don Lewis wrote:
>>I'm hoping someone can help me get BPQ4.08a configured to work with
>>ethernet. The docs are very sketchy. I'm running a Windows 95 network
>>with stock 32-bit drivers. I don't have any experience with ODI, but I
>>suspect that the ODIDRV supplied with BPQ is 16-bit. Has anyone tried
>>this before?
>

```
>Usually ODI is 16-bit. Novell released a new 32 bit ODI driver client. it
>still loads in your autoexec.bat like a 16-bit ODI driver. I haven't tried it
>with Win95 yet, but I have used the ODIDRV as a test to connect two bpq
switches
>together...
```

Hi Bill. I am collecting information on the bpq switch and have exactly ZIP for John's stuff. He says if you don't understand ODI do not try. Seems you must "talk" ODI and I will be happy to listen. Which card's did you use for your computer inter-connect? I see "ethernet" generic cards in Computer Shopper for \$23.00 that *SHOULD* work, but what questions can I ask the sales person to determine if they might work? I'm retired now and \$20 is not through away any more...:-)

```
If you need anymore info, I'll look up the Win95 client info.
>
>Novell does have info on their web site: HTTP://www.novell.com
>In there somewhere is talk about the new Win 95 client.
>
>Enjoy.
>73, de Bill, N3JIX
>*****
>* Bill Barnes, N3JIX *
>* Internet: n3jix@mail.csrlink.net *
>* WWW: http://acwww.bloomu.edu/~wlbarn *
>* Packet : n3jix@n3jix.lyc.pa.usa.noam *
>*****
>
>
>
```

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

114. Re: [BBSSIG:2452] Re: BPQ & Ethernet Port

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Wed, 20 Mar 1996 19:38:34 -0500
To: bbssig@tapr.org
Message-ID: <199603210038.TAA02982@snoopy>
Rendered body type: text/plain

At 08:55 AM 3/19/96 -0600, Karl F. Larsen wrote:

```
> Hi Bill. I am collecting information on the bpq switch and have
>exactly ZIP for John's stuff. He says if you don't understand ODI do not
>try. Seems you must "talk" ODI and I will be happy to listen. Which card's
```

Well, I don't "talk" ODI. I just have to use it at work all the time...

```
>did you use for your computer inter-connect? I see "ethernet" generic cards
>in Computer Shopper for $23.00 that *SHOULD* work, but what questions can I
>ask the sales person to determine if they might work? I'm retired now and
>$20 is not through away any more...:-)
```

NE2000 Clones.

```
>From memory, here's the order of drivers to be loaded.
```

```
lsl.com
ne2000.com
odidrv.exe 96
ipxodi.com <- These are optional! Novell Client only!
vlm.exe <- These are optional! Novell Client only!
```

The net.cfg file should look about the same as the docs. ie.

LINK SUPPORT

```
MAX STACKS 4
MAX BOARDS 4
```

LINK DRIVER NE2000

```
INT 10
PORT 280
```

FRAME ETHERNET_802.2

```
FRAME ETHERNET_II <- Note: This is the "traditional" frame type for
TCP/IP
```

```

        PROTOCOL IPX 0 ETHERNET_802.2
        PROTOCOL BPQ 8FF ETHERNET_II

BPQPARAMS
    ETH_ADDR FF:FF:FF:FF:FF:FF  <- Note: John is right, specifying the
                                Direct Ethernet card address should
                                be faster, but I'm using the
                                broadcast address just incase I
                                tried to connect more than 2
                                switches to Ethernet.

In your BPQCFG.TXT, Change the port parameter to INT=96. That's 0x60 for those
who know lots about packet drivers...

I'll try it here again tonight, and report anything else that I might have
forgotten...

> If you need anymore info, I'll look up the Win95 client info.

THat's just for Win 95. This above is for the 16-bit drivers....

I haven't tried that yet.
73, de Bill, N3JIX
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                       *
* WWW:  http://acwww.bloomu.edu/~wlbarn                   *
* Packet   :  n3jix@n3jix.#lyc.pa.usa.noam                *
*****

```

115. BPQ Switches connected via ethernet

```

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Wed, 20 Mar 1996 20:18:45 -0500
To: bbssig@tapr.org
Message-ID: <199603210118.UAA03621@snoopy>
Rendered body type: text/plain

Ok, I just tried it, and it works ok. Here's what my files look like:

My AUTOEXEC.BAT:
@echo off
prompt $p$q$g
path=c:\bat
a:\ls1
a:\ne2000
rem a:\ipxodi
cd\bpq
odidrv 96
bpqcode

My NET.CFG:
Link Driver NE2000
    PORT 280
    IRQ 12
    FRAME Ethernet_802.2      ; Needed for Netware only
    FRAME ETHERNET_II        ; Needed for TCP/IP or BPQ switches.
    PROTOCOL IPX 0 ETHERNET_802.2 ; Needed for IPXODI to use right frame.
    PROTOCOL BPQ 8FF ETHERNET_II ; Needed for BPQ to use the right frame.

BPQPARAMS
    ETH_ADDR FF:FF:FF:FF:FF:FF

My ports section of BPQCFG.TXT:
PORT
    ID=Ethernet Port
    TYPE=EXTERNAL
    PROTOCOL=KISS
    INTLEVEL=96
;    SPEED=9600
;    CHANNEL=A
    QUALITY=203
    MAXFRAME=7
    TXDELAY=0
    SLOTTIME=100
    PERSIST=255
    FULLDUP=1
    FRACK=7000
    RESPTIME=2000
    RETRIES=10

```

PACLEN=234
USERS=8
ENDPORT

This is just the 16-bit drivers from NOVELL client disk. (DOS/WIN version 1.20b) I tried the thing under 95, no dice. I don't think it was a problem with ODIDRV, but a problem with my Win 95 32-bit client. I don't think I installed it right... If I get a chance, I'll reinstall it on a Win95 machine at work, make the config work with NW 4.1, then see what is different, and try it again with Win95.

If anyone else has tried it, let me know.

Also, you probably can play with the port settings to make it work faster. This runs good here, but I was just playing with it.

Good luck! Any questions? I'll attempt them all... {grin}
73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                       *
* WWW: http://acwww.bloomu.edu/~wlbarn                   *
* Packet   :  n3jix@n3jix.#lyc.pa.usa.noam               *
*****
```

116. Re: [BBSSIG:2454] BPQ Switches connected via ethernet

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 20 Mar 1996 21:09:57 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199603210309.VAA08990@zeus.ia.net>
Rendered body type: text/plain

Bill,

Thanks for the good info on using Ethernet cards with BPQ. It doesn't seem like many people have tried that and I'm sure this will give more a boost in giving it a try.

73 Barry

117. Re: [BBSSIG:2455] Re: BPQ Switches connected via ethernet

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Thu, 21 Mar 1996 07:22:28 -0500
To: bbssig@tapr.org
Message-ID: <199603211222.HAA07872@snoopy>
Rendered body type: text/plain

At 09:27 PM 3/20/96 -0600, Barry Buelow WA0RJT wrote:
>Thanks for the good info on using Ethernet cards with BPQ. It doesn't
>seem like many people have tried that and I'm sure this will give
>more a boost in giving it a try.

No problem, I hopefully will have some time this weekend to play with the Win95 Netware client and see if the ODIDRV works with ODI32. I'll let you all know how it goes anyway.

Just a side note: I made up those boot disks for the Ethernet link. Then I ran a serial line from my one machine to the bbs machine and made it a KISS serial link at 9600. I turned the node support on the BBS machine, and was node hoping across the ethernet link, across the serial link, and across my 1200 baud backbone port... Very interesting to see how these nodes talk to each other... If I can get this other network card to work, I'll try using 3 BPQ switches on a shared ethernet port. it should work.

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                       *
* WWW: http://acwww.bloomu.edu/~wlbarn                   *
* Packet   :  n3jix@n3jix.#lyc.pa.usa.noam               *
*****
```

118. Re: [BBSSIG:2454] BPQ Switches connected via ethernet

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 21 Mar 1996 05:45:33 -0700
To: bbssig@tapr.org
Message-ID: <199603211245.FAA17094@acca.nmsu.edu>
Rendered body type: text/plain

At 07:33 PM 3/20/96 -0600, you wrote:
>Ok, I just tried it, and it works ok. Here's what my files look like:
>
Thats great Bill! I know this will give other guys the information
they needed to try this really *FAST* interconnect with ethernet.

73, karl

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

119. Re: [BBSSIG:2456] Re: BPQ Switches connected via ethernet

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 21 Mar 1996 17:54:06 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199603212354.RAA25095@zeus.ia.net>
Rendered body type: text/plain

Bill,

Would you be interested in writing up this whole Ethernet set info
and having it published? Not sure where or how, but this is exactly
the kind of thing that helps people out.

I can provide some help in the way of writing manuscripts and making
drawings.

Barry

120. AA4RE compression?

From: Richard Choy <rixycrosslink.net>
Date: Fri, 22 Mar 1996 00:22:23 -0500
To: bbssig@tapr.org
Message-ID: <3152390F.74B4@crosslink.net>
Rendered body type: text/plain

Does anyone know if AA4RE has any future plans for forwarding compression
on his BBS software, or if there is any interest in such?

I would like to be able to talk to someone about it.
I have someone who says he can either write a software patch or TSR
to accomplish it but he says it won't be easy.
He says he can do it but not if it is already being done (doesn't want
to waste his time), or if someone is already working on it.

I can be reached at: rixycrosslink.net or
N3HXT @ N3HXT.VA.USA.NOAM 73 Rick, N3HXT

121. Re: [BBSSIG:2459] AA4RE compression?

From: Roy <garlic@garlic.com>
Date: Thu, 21 Mar 1996 22:26:17 -0800
To: bbssig@tapr.org
Message-ID: <31524809.2D85@garlic.com>
Rendered body type: text/plain

The answer is that I don't have any plans on working on the code.
The source is available if anyone wants to attempt it :-)

Roy, AA4RE

122. Re: [BBSSIG:2458] Re: BPQ Switches connected via ethernet

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Fri, 22 Mar 1996 05:25:50 -0500
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <199603221025.FAA20868@snoopy>
Rendered body type: text/plain

At 06:05 PM 3/21/96 -0600, Barry Buelow WA0RJT wrote:
>Would you be interested in writing up this whole Ethernet set info
>and having it published? Not sure where or how, but this is exactly
>the kind of thing that helps people out.

Sure, it's rather simple. For whom would I be writing for?

>I can provide some help in the way of writing manuscripts and making
>drawings.

Great! I don't think that a paper on that will be very long, except if I

get into Ethernet Topologies... {Grin}

I'll start it this weekend. (with everything else) Today is a Test day for Windows NT workstation... (Gotta get certified in NT now...)

Is word documents ok?

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX *
* Internet: n3jix@mail.csrlink.net *
* WWW: http://acwww.bloomu.edu/~wlbarn *
* Packet : n3jix@n3jix.#lyc.pa.usa.noam *
*****
```

123. RE: [BBSSIG:2459] AA4RE compression?

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>

Date: Fri, 22 Mar 1996 6:53:20 -0500 (EST)

To: bbssig@tapr.org

Message-ID: <960322065320.2a102@ids.net>

Rendered body type: text/plain

Hi Rick,

When I last spoke with Roy, he had no intention of doing that. I don't know if anyone else is attempting such a project, but I would suggest that your friend should go ahead if no one else replies here. I, for one, would like to see the results inasmuch as I am running aa4re by preference! 'Nuff said!

Vy 73, Ed, K1BYV

124. I have a question about digital repeaters

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>

Date: Fri, 22 Mar 1996 18:04:38 -0500

To: bbssig@tapr.org

Message-ID: <199603222304.SAA06612@snoopy>

Rendered body type: text/plain

Hello,

I do have a question someone may answer. I've been asked about a 1200 baud digital packet repeater setup. The reason is sound: I'm in a very hilly section of PA, and most stations can't hear each other on packet, but with a repeater, then everyone who can hear the repeater will hear all users transmitting. therefore, no hidden transmitters.

So, My basic question is: How do I build one of these things? What stuff seems to work, what doesn't.

Note: Yes, they want a 1200 baud digital repeater now, and a 9600 one later. I know I can get lots of info on building a 9600, but that's not what they want yet.

Thanks!

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX *
* Internet: n3jix@mail.csrlink.net *
* WWW: http://acwww.bloomu.edu/~wlbarn *
* Packet : n3jix@n3jix.#lyc.pa.usa.noam *
*****
```

125. Re: [BBSSIG:2463] I have a question about digital repeaters

From: Greg Jones <wd5ivd@tapr.org>

Date: Fri, 22 Mar 1996 20:25:51 -0600 (CST)

To: bbssig@tapr.org

Message-ID: <199603230225.UAA28220@tapr.org>

Rendered body type: text/plain

There have been at least two articles published in past DCC on this issue. Do a search on the web site if you can -- I would do it for you, but am in Okla currently at a conference.

In addition, Keith Justive KF7TP@TAPRORG had a pic device from a friend of his that did it on a normal TASPR TNC-2.

Cheers - Greg

```

>
> Hello,
>       I do have a question someone may answer.  I've been asked about a
> 1200 baud digital packet repeater setup.  The reason is sound: I'm in a very
> hilly section of PA, and most stations cann't hear each other on packet, but
> with a repeater, then everyone who can hear the repeater will hear all users
> tranmitting.  therefore, no hidden transmitters.
>
>       So, My basic question is: How do I build one of these things?  What
> stuff seems to work, what doesn't.
>
> Note: Yes, they want a 1200 baud digital repeater now, and a 9600 one later.
> I know I can get lots of info on building a 9600, but that's not what they
> want yet.
>
> Thanks!
> 73, de Bill, N3JIX
> *****
> * Bill Barnes, N3JIX *
> * Internet:  n3jix@mail.csrlink.net *
> * WWW: http://acwww.bloomu.edu/~wlbarn *
> * Packet   :  n3jix@n3jix.#lyc.pa.usa.noam *
> *****
>
>
>

```

126. Re: [BBSSIG:2463] I have a question about digital repeaters

```

From: Doug Cole <dcole@on-ramp.ior.com>
Date: Fri, 22 Mar 1996 19:22:55 -0800 (PST)
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960322190933.13902A-100000@on-ramp.ior.com>
Rendered body type: text/plain

```

On Fri, 22 Mar 1996, Bill Barnes, N3JIX wrote:

```

> Hello,
>       I do have a question someone may answer.  I've been asked about a
> 1200 baud digital packet repeater setup.  The reason is sound: I'm in a very
> hilly section of PA, and most stations cann't hear each other on packet, but
> with a repeater, then everyone who can hear the repeater will hear all users
> tranmitting.  therefore, no hidden transmitters.
>
>       So, My basic question is: How do I build one of these things?  What
> stuff seems to work, what doesn't.
>
> Note: Yes, they want a 1200 baud digital repeater now, and a 9600 one later.
> I know I can get lots of info on building a 9600, but that's not what they
> want yet.
>
> Thanks!
> 73, de Bill, N3JIX
> *****
> * Bill Barnes, N3JIX *
> * Internet:  n3jix@mail.csrlink.net *
> * WWW: http://acwww.bloomu.edu/~wlbarn *
> * Packet   :  n3jix@n3jix.#lyc.pa.usa.noam *
> *****
>
>
>

```

Well Bill I will give you my experience as I have just recently built and put up a 1200 baud passive packet repeater. I have built many voice repeaters using surplus commercial gear (motorola mitreks, micors, ge mastr II's) and basically used the same design (true fm, flat audio) for the packet repeater. At 1200 baud it works just fine as a passive repeater, no squelch tail or near zero.

It has been up for about 9 months now and EVERYONE wonders how they got along without it ! So I can sympathize with where you are coming from as we used to have the same problem here (many collisions causing slow throughput) . I could go on quite a bit but I am not sure what to say so if you want to drop me a note with some specific questions I will be more than happy to help in any way I possibly can.....

73's

l		l
l	Doug Cole N7BF5	l
l	amsat member # 26182	l

```
l dcole@onramp.ior.com      l
l spokane,wa                l
l _____                l
```

127. Re: [BBSSIG:2463] I have a question about digital repeaters

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 23 Mar 1996 03:12:53 -0700
To: bbssig@tapr.org
Message-ID: <199603231012.DAA16884@acca.nmsu.edu>
Rendered body type: text/plain

At 05:25 PM 3/22/96 -0600, you wrote:
>Hello,
>
> I do have a question someone may answer. I've been asked about a
>1200 baud digital packet repeater setup. The reason is sound: I'm in a very
>hilly section of PA, and most stations cann't hear each other on packet, but
>with a repeater, then everyone who can hear the repeater will hear all users
>transmitting. therefore, no hidden transmitters.
>
> So, My basic question is: How do I build one of these things? What
>stuff seems to work, what doesn't.
>
>Note: Yes, they want a 1200 baud digital repeater now, and a 9600 one later.
>I know I can get lots of info on building a 9600, but that's not what they
>want yet.
>
>Thanks!
>73, de Bill, N3JIX
>*****
>* Bill Barnes, N3JIX *
>* Internet: n3jix@mail.csrlink.net *
>* WWW: http://acwww.bloomu.edu/~wlbarn *
>* Packet : n3jix@n3jix.lyc.pa.usa.noam *
>*****
>

Bill, there is a lot of documentation in the thenet version 6 package from Bill Beach, nj7p and Jack Taylor, n7oo. It includes a eprom image that can be burned into a 27c256 e-prom and replaces the one in a tnc-2.

A simple packet repeater is the tnc-2 with the thenet e-prom connected to a radio that has an antenna.

If you can accept file attach I will send you version 8 which we *STILL* use around here as a pkzip package. Print out the manual. It is still worth reading.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

128. WinFBB Modem troubles

From: Don Lewis <donlewis@magick.net>
Date: Sat, 23 Mar 1996 13:18:27 -0800
To: bbssig@tapr.org
Message-ID: <31546AA3.7E4@magick.net>
Rendered body type: text/plain

DSZ randomly reports "Port Bad" on my 14.4 kbd modem port when a user attempts XMODEM or ZMODEM up/download. The port works fine one day, and then doesn't work the next. Connections are fine, normal user activity (L,R,S) work fine, but the xfers abort after a few moments. The DSZ bat executes, the BBS reports "Sending file.xxx with xMODEM Protocol", and then aborts. If I maximize the DSZ task, the DOS window shows the "Port Bad" message.

A hard reboot of the computer usually fixes the problem, and up/downloads work Ok for a while. Somewhere along the line, the port is getting messed up and DSZ is unable to function.

My modem uses 16550 uart, and worked flawlessly with 5.15c.

Any takers? This one has me stumped.

73, Don donlewis@magick.net
http://www.magick.net/~donlewis/ham/ki7ae.htm

129. Re: [BBSSIG:2463] I have a question about digital repeaters

From: "Bob Nielsen" <nielsen@primenet.com>
Date: Sat, 23 Mar 1996 09:40:38 +0700

To: bbssig@tapr.org
Message-ID: <199603231640.JAA28139@usr4.primenet.com>
Rendered body type: text/plain

> Date: Fri, 22 Mar 1996 17:25:31 -0600 (CST)
> Reply-to: bbssig@tapr.org
> From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
> To: bbssig@tapr.org
> Subject: [BBSSIG:2463] I have a question about digital repeaters

> Hello,
>
> I do have a question someone may answer. I've been asked about a
> 1200 baud digital packet repeater setup. The reason is sound: I'm in a very
> hilly section of PA, and most stations can't hear each other on packet, but
> with a repeater, then everyone who can hear the repeater will hear all users
> transmitting. therefore, no hidden transmitters.
>
> So, My basic question is: How do I build one of these things? What
> stuff seems to work, what doesn't.
>
> Note: Yes, they want a 1200 baud digital repeater now, and a 9600 one later.
> I know I can get lots of info on building a 9600, but that's not what they
> want yet.

There was a paper in the 9th ARRL Computer Networking Conference proceedings describing regenerator modification for a TNC for use in a repeater setup. This would be a big improvement over just repeating the audio tones with a voice repeater. It is a single chip which connects to the TNC's disconnect header. The proceedings are available from TAPR.

Here is the extract of the article:

Digital Regenerator Modification for the TNC-2A
by William A. Beech, NJ7P, and Jack Taylor, N700

Abstract: Others have pointed out the network efficiency advantage of using duplex regenerators as compared to simplex digipeaters. However, the use of packet duplex regenerators entails added expense which may be the reason they have not found common usage in LAN and backbone systems. In addition to the expense of a duplexer for in-band operation, previous implementations of regenerators have required either dual TNCs or the use of a high quality land line modem as well as a TNC. This paper describes a way to make multiple use of a TNC in this application, with a realized savings in cost and simplification in equipment configuration. Furthermore, if the regenerator was set up for cross-band operation, the expense then would be comparable to a simplex digipeater since a duplexer would not be required.

This paper describes the conversion of a TNC-2A to serve as both a digital regenerator and a network node. The conversion has been in use on the 144.51-145.11 SVALAN:N700-4 repeater/node for several months.

If you later change to 9600, the TAPR modem has provision for adding a few parts to make it a regenerator.

Bob

Bob Nielsen
Tucson, AZ

Internet:nielsen@primenet.com
AMPRnet: w6swe@w6swe.ampr.org
AX.25: w6swe@wb7tts.az.usa.noam

130. Re: [BBSSIG:2467] WinFBB Modem troubles

From: "Dean R. Madsen, KE0W0" <dmdasen@iastate.edu>
Date: Sat, 23 Mar 1996 12:30:29 -0600
To: bbssig@tapr.org
Message-ID: <199603231830.MAA19073@mailhub.iastate.edu>
Rendered body type: text/plain

>
>Any takers? This one has me stumped.
>

Are you by chance running FBBIOS with the modem and WinFBB? If so, don't. WinFBB/DSZ can handle the modem port by themselves.

73,
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy         +
+      ke0wo@iastate.edu                    Ames, Iowa                 +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA      FBB Beta tester           Cellist +
+      Secretary for the Tristate Amateur Packet Association           +
+      Treasurer for the Cyclone Amateur Radio Club                     +
+++++
```

131. Re: [BBSSIG:2463] I have a question about digital repeaters

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 23 Mar 1996 12:59:22 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199603231859.MAA27666@zeus.ia.net>
Rendered body type: text/plain

Bill Barnes, N3JIX wrote:

>
> Hello,
>
> I do have a question someone may answer. I've been asked about a
> 1200 baud digital packet repeater setup. The reason is sound: I'm in a very

Bill,
Not to blow you off, but you might try this question on NETSIG. Several
locals here subscribe to netsig and would be good references. Also,
the 9600 bit regen model of operation may apply very well to your situation.

73 Barry

132. Question regarding WinFBB 7.0

From: Kelly David Quocksister <kellyq@YKnet.YK.CA>
Date: Sat, 23 Mar 1996 11:45:07 -0800
To: "'bbssig@tapr.org'" <bbssig@tapr.org>
Message-ID: <01BB18AE.3BB1BA20@ken.yknet.yk.ca>
Rendered body type: text/plain

Hello,

Does WinFBB 7.0 comes with all the necessary files to run the BBS and node or do I still have to use
BPQnode as well?

Thank you!

Kel, VY1CA

SYSOP - Yukon Packet Radio Network owned and operated by the Yukon Amateur Radio Association.
Yep! We're in Canada!

133. Re: [BBSSIG:2469] Re: WinFBB Modem troubles

From: Don Lewis <donlewis@magick.net>
Date: Sat, 23 Mar 1996 20:30:06 -0800
To: bbssig@tapr.org
Message-ID: <3154CFCE.575A@magick.net>
Rendered body type: text/plain

Dean R. Madsen, KE0WO wrote:

>
>
> >
> >Any takers? This one has me stumped.
> >
>
> Are you by chance running FBBIOS with the modem and WinFBB? If so, don't.
> WinFBB/DSZ can handle the modem port by themselves.
>
> 73,
> Dean - KE0WO

No Dean... I'm not using FBBIOS, but thanks for checking. I'm going to focus
on the DSZ docs today and see if re-writing the .BAT file helps for my particular
system.

73, Don donlewis@magick.net

134. Re: [BBSSIG:2471] Question regarding WinFBB 7.0

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 23 Mar 1996 17:20:40 -0700
To: bbssig@tapr.org
Message-ID: <199603240020.RAA28414@acca.nmsu.edu>
Rendered body type: text/plain

At 02:05 PM 3/23/96 -0600, you wrote:

>Hello,
>

>Does WinFBB 7.0 comes with all the necessary files to run the BBS and node
or do I still have to use BPQnode as well?

A funny question Kel. FBB is written by a French and BPQ is written
by a English ham. They may talk but little else. If you want to run the BPQ
Switch you must have that software. And since WinFBB is a Windows program
you need a late version of the switch and load it as a windows version too.
Read the documentation that comes with BPQ.

>

>Thank you!

>

>Kel, VY1CA

>

>SYSOP - Yukon Packet Radio Network owned and operated by the Yukon Amateur
Radio Association.

>Yep! We're in Canada!

>

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

135. Re: [BBSSIG:2465] Re: I have a question about digital repeaters

From: nr7p@abqgate.ampr.org (Steve)
Date: Sat, 23 Mar 96 19:36:06 MST
To: bbssig@tapr.org
Message-ID: <129@abqgate.ampr.org>
Rendered body type: text/plain

I would like to know the equipment you used, any mods you had to do,
the relative expense, and how many users are on it. Is it the bit-
regenerative mod that TAPR puts out? If not, do you have a PC at the
hill top? How long did it take to put together? Was this a club
project with many hands or is it your baby? Etc, etc...

Thanks for any reply.
73s, Steve, NR7P

73, Steve.

136. Help Info on JNOS

From: Phillip Conza <z12tze@mlb.planet.gen.nz>
Date: Sun, 24 Mar 1996 21:52:04 +1200 (NZST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960324214822.937A-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

Sorry to post this here, but I am after information on JNOS for a user
of my BBS..

What FTP site can I find a FAQ on JNOS..

This person has asked for help @ NZ and the replies where about as
informative as talking to a brick wall..

73 Phillip ZL2TZE @ ZL2TZE.#73.NZL.OC
z12tze@mlb.planet.gen.nz

137. Re: [BBSSIG:2475] Help Info on JNOS

From: "Bob Nielsen" <nielsen@primenet.com>
Date: Sun, 24 Mar 1996 17:23:19 +0700
To: bbssig@tapr.org
Message-ID: <199603250023.RAA22031@usr4.primenet.com>
Rendered body type: text/plain

Phillip Conza <z12tze@mlb.planet.gen.nz> wrote:

> Hi,

> Sorry to post this here, but I am after information on JNOS for a user

> of my BBS..
>
> What FTP site can I find a FAQ on JNOS..
>
> This person has asked for help @ NZ and the replies where about as
> informative as talking to a brick wall..

The only FAQ I am aware of is a pretty old one at the primary JNOS site, pc.usl.edu (I don't remember which directory, but finding it should be fairly obvious).

Bob

Bob Nielsen Internet:nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
AX.25: w6swe@wb7tls.az.usa.noam

138. Re: [BBSSIG:2476] Re: Help Info on JNOS

From: Thomas Barefoot <barefeet@ns.awanet.com>
Date: Mon, 25 Mar 1996 07:33:51 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <Pine.BSI.3.91.960325073339.9175D-100000@ns.awanet.com>
Rendered body type: text/plain

You can find JNOS on Lantz.com

On Sun, 24 Mar 1996, Bob Nielsen wrote:

> Phillip Conza <z12tze@mlb.planet.gen.nz> wrote:
>
> > Hi,
> > Sorry to post this here, but I am after information on JNOS for a user
> > of my BBS..
> >
> > What FTP site can I find a FAQ on JNOS..
> >
> > This person has asked for help @ NZ and the replies where about as
> > informative as talking to a brick wall..
> >
> > The only FAQ I am aware of is a pretty old one at the primary JNOS
> > site, pc.usl.edu (I don't remember which directory, but finding it
> > should be fairly obvious).
> >
> >
> > Bob
> >
> > -----
> > Bob Nielsen Internet:nielsen@primenet.com
> > Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
> > AX.25: w6swe@wb7tls.az.usa.noam
> >
> >

139. Re: [BBSSIG:2477] Re: Help Info on JNOS

From: "Brian A. Lantz" <brian@lantz.com>
Date: Mon, 25 Mar 1996 17:39:39 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960325173842.2336C-100000@lantz.com>
Rendered body type: text/plain

On Mon, 25 Mar 1996, Thomas Barefoot wrote:

> You can find JNOS on Lantz.com

HONK! Wrong answer, Contestant number 2! ;-))

The home for TNOS is ftp.lantz.com.

You will not find JNOS there, though, rather TNOS.

Brian A. Lantz http://www.lantz.com brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);

```
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

140. RE: [BBSSIG:2478] Re: Help Info on JNOS

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Date: Mon, 25 Mar 1996 20:19:53 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <960325201953.42436@ids.net>
Rendered body type: text/plain

You'll find jnos on pc.usl.edu.

73, Ed, K1BYV

141. TAPR Virtual Meeting, Workshop, Seminar Page

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 26 Mar 1996 00:24:20 -0600 (CST)
To: tapr-bb@tapr.org (TAPR-BB mailing), netsig@tapr.org (NETSIG mailing),
bbssig@tapr.org (BBS SIG mailing)
Message-ID: <199603260624.AAA00696@tapr.org>
Rendered body type: text/plain

TAPR has updated its TAPR Virtual Meeting, Workshop, Seminar Page

We have added an interview with Joe Borvitz, WA5VMS, concerning Land Mobile Radio Modifications.

The interview took place after the Green Country Convention this past week. The 30 min interview with Joe Borvitz, WA5VMS, focuses on Land Mobile Radio Modifications and issues for amateur radio usage. Joe is one of the two authors of the upcoming TAPR Land Mobile Radio Modifications Book. Joe covers general information on several radios, minimum test equipment needed, prices, and some general thoughts on the subject at hand.

The TAPR book should be available later this year.

<http://www.tapr.org>

142. Re: [BBSSIG:2478] Re: Help Info on JNOS

From: Thomas Barefoot <barefeet@ns.awanet.com>
Date: Thu, 28 Mar 1996 07:23:06 -0600 (CST)
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <Pine.BSI.3.91.960328072246.29118B-100000@ns.awanet.com>
Rendered body type: text/plain

Sorry about the mistake. I appologize for any inconviences.

On Mon, 25 Mar 1996, Brian A. Lantz wrote:

```
> On Mon, 25 Mar 1996, Thomas Barefoot wrote:
>
> > You can find JNOS on Lantz.com
>
> HONK! Wrong answer, Contestant number 2! ;-)
>
> The home for TNOS is ftp.lantz.com.
>
> You will not find JNOS there, though, rather TNOS.
>
>
> -----
> Brian A. Lantz      http://www.lantz.com      brian@lantz.com
>
> REAL PORTION of Microsoft Windows code:
>     while (memory_available) {
>         eat_major_portion_of_memory (no_real_reason);
>         if (feel_like_it)
>             make_user_THINK (this_is_an_OS);
>         gates_bank_balance++;
>     }
>
>
>
```

143. Re: [BBSSIG:2460] Re: AA4RE compression?

From: Paul Kearney <ei7gm@iol.ie>
Date: Sat, 30 Mar 1996 11:43:41 +0000 (GMT)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960330113856.24825C-100000@joyce.iol.ie>
Rendered body type: text/plain

On Fri, 22 Mar 1996, Roy wrote:

> The answer is that I don't have any plans on working on the code.
> The source is available if anyone wants to attempt it :-)

>

> Roy, AA4RE

>

(sigh)

Pity about that, damn good software.

I expect that Roy has more important things on his plate like
living his own life first, work etc etc

Eh, no thanks , I wont be taking up the source-code :-))

I wouldnt know one end of it from the other.

73 paul '7gm

April 1996

Original source file: bbssig.9604

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9604

1. [TAPR-SYS:404] TAPR offers group GPS purchase 4/1/96 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 1 Apr 1996 13:03:30 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199604011903.NAA02169@zeus.ia.net>
Rendered body type: text/plain

Greg Jones wrote:

> TAPR offers group GPS purchase 4/1/96
> -----
>
> TAPR working with Bob Bruninga, WB4APR, will be making a group purchase on
> Garmin 20 GPS units.
>
> For full details on the purchase as well as information regarding the unit,
> please see the following web page <http://www.tapr.org/gps>
>
> The price will be:
> \$165.00 US for members of TAPR
> or
> \$175.00 US for non-members
>
> This kit will include:
> * Garmin GPS-20 (MultiTrac8 sensor) engine (1.83" x 2.74" x .45")
> The Garmin GPS-20 is similar to the Garmin GPS-45
>
> * RF pig tail with connector for unit
> (one end is the MCX male connector
> and the other end will be non-connected - see below)
>
> * power/data cable with connector shell and pins
> (The connector is a subminiature PCB edge connector
> and will need to be built - see below)
>
> * Documentation
>
> TAPR will be taking orders for 50 units, which is the minimum purchase.
> Once 50 units have been purchased TAPR will order the Garmin units.
> TAPR will deposit money when the units are ordered from Garmin and ship
> when the units arrive from Garmin. It is expected that the demand will
> be high, thus a short period should be required to receive the 50 orders.
>
> Please note: This is not an enclosed/sealed unit. It is assumed that
> the purchasers will be installing the unit in another enclosure for normal
> and/or experimental operations.
>
> No 10% Discount for TAPR Members. Due to the nature of the purchase,
> the \$165 purchase price for TAPR members represents the membership
> discount.
>
> If you would like to order one of these units, you can
> e-mail tapr@tapr.org,
> phone (817) 383-0000, or
> fax (817) 566-2544.
>
> Office Hours: Tuesday - Friday 9am - 12pm, 3pm - 5pm Central Time
>
> These units will be useful with current APRS software and the upcoming TAC
> (Totally Accurate Clock) kit that Tom Clark, W3IWI, has begun discussing
> with TAPR to do as a kit in the future. For more on the TAC project
> check: <ftp://aleph.gsfc.nasa.gov/GPS/totally.accurate.clock/>
>
> Questions concerning the unit and details on the buy will be handled on
> the TAPR APRS Special Interest Group list. To subscribe,
> send e-mail to:
> listserv@tapr.org.
> In the message type
> subscribe aprssig YourFirstName YourLastName.
> The server will then send you a message back. Announcements on the status
> of the shipment will be made to the TAPR APRS SIG and TAPR-BB lists.
>
>
> Shipping and Handling

```
> -----
> * Shipping and Handling within the US will be $7.00 US
>   by UPS Ground unless otherwise requested by purchaser.
>
> * International Shipping will need to contact the TAPR office and get a
>   quote on the shipping to your country. TAPR uses International Express
>   Mail, unless the purchaser requires something else.
>
>
>
> -----
> Tucson Amateur Packet Radio
> 8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000
> -----
> e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: http://www.tapr.org/tapr
> -----
>
>
>
```

2. FBB 7.00 / MODEM HELP

From: "Albert D. Lawson" <wb7awl.magick.net@gp.magick.net>
Date: Mon, 1 Apr 96 23:32 PST
To: bbssig@tapr.org
Message-ID: <m0u40a7-000PaRC@gp.magick.net>
Rendered body type: text/plain

Thanks for reading...here is yet another request for help with a modem problem on the new FBB.

I'm running a USR Sportster 28.8 Internal on Com 2, IRQ 3. I'm also using the initnrc*.sys file sent out by VE4KV a few weeks back. The computer is a 486 SX 50 with 8 megs of RAM. I'm using BPQ and running under Windows '95.

A couple of things are happening that do not appear "normal". The most serious problem is that when users are entering messages and sends a carriage return, the lines appear at various positions across the screen. They never appear to the far left as they should. Users are also complaining about locking of their keyboard when entering text which has never happened under FBB 5.15. Also I'm having occasions where a user tries to start a file transfer and DSZ fails to initiate the transfer. A re-boot of the computer seems to clear the problem with DSZ for awhile but it keeps happening.

I've tried different terminal emulations, have tried diddling the AT commands on the modem but nothing seems to correct any of the problems mentioned above.

Does anyone have a suggestion as to what to do about this....????

Thanks and 73's

"Emergency Medical Services - A System To Save Lives"

Albert D. Lawson
wb7awl @ magick.net
wb7awl @ wb7awl.#swor.or.usa.noam

3. Message Numbers in Forward Headers?

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)
Date: Thu, 4 Apr 1996 04:52:22 +0100
To: bbssig@tapr.org
Message-ID: <v01540a00ad88f68484d4@[141.20.199.60]>
Rendered body type: text/plain

Hello,

I just have one question,

in received forward, most of the R: - lines contain a message number.

Does this message number serves anything for non-local users?

Thank you for your help, and if this question sounds silly: Locally I have no f6fbb nor w0rli nor aa4re bbs accessible. Maybe therefore my lack of

knowledge.

73 Joachim

---Example---

```
>ALL @WW          de:US7GR 04.04.96 01:45 7 2001 Bytes
>Penpals wanted
>*** Bulletin-ID: 23634_UR0GBA ***
>*** Received from DB0BLO ***
>
>R:960404/0144z @:DB0BLO.#BLN.DEU.EU [Berlin OP:DB5Q0] DP4.16 $:23634_UR0GBA
>R:960404/0142z @:DB0TEM.#BRB.DEU.EU
>R:960404/0143z @:DB0HRO.#MVP.DEU.EU [Rostock J064AC DL7B] DP4.16 $:23634_UR0GBA
>R:960404/0109z @:DB0SAW.#SAA.DEU.EU
>R:960404/0106z @:DB0NHM.#NDS.DEU.EU
>R:960404/0107z @:DB0SIF.#HES.DEU.EU
>R:960404/0206z @:DB0SRS.#HES.DEU.EU
>R:960404/0106z @:DB0ZDF.#RPL.DEU.EU
>R:960404/0105z @:DB0GE.#SAR.DEU.EU [Mailbox Saarbruecken] $:23634_UR0GBA
>R:960404/0105z @:LX0PAC.LUX.EU
>R:960404/0110z @ON7RC.#BR.BEL.EU [Brussels, J020EU, TheBox 1.9, OP: ON6KY]
>R:960404/0057Z @:ON1BWP.#BTN.BEL.EU #:15250 [St-Agatha-Berchem] FBB5.15c
>          ^^^^^^^
>R:960404/0045Z @:ON6AR.#AN.BEL.EU #:7690 [Antwerpen] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960404/0007Z @:F6CNB.#SETX.TX.USA.NOAM #:18340 $:23634_UR0GBA
>          ^^^^^^^
>R:960402/2350Z @:WB0TAX.#SHRV.LA.USA.NOAM #:45166 $:23634_UR0GBA
>          ^^^^^^^
>R:960403/2326Z @:HA3PG.HUN.EU #:53624 [Pecs] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960403/2309Z @:HA5OB.HUN.EURO #:56827 [Budapest] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960402/0008Z @:RS3A.MSK.RUS.EU #:46213 [Moscow] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960401/2234Z @:RA3KP.MSK.RUS.EU #:43326 [Moscow] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960401/2214Z @:US5UU.KIV.UKR.EU #:18467 [Chornobyl] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960330/2207Z @:UT5DL.ZAK.UKR.EU #:26259 [Uzhgorod] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
>R:960330/1210Z @:UR0GBA.KHE.UKR.EU #:23634 [Kherson] FBB5.15c $:23634_UR0GBA
>          ^^^^^^^
---End---
```

```
--
Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)
```

4. Re: [BBSSIG:2485] Message Numbers in Forward Headers?

```
From: "Brian A. Lantz" <brian@lantz.com>
Date: Thu, 4 Apr 1996 07:37:25 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960404073146.6088D-100000@lantz.com>
Rendered body type: text/plain
```

On Wed, 3 Apr 1996, Joachim Schurig wrote:

```
> in received forward, most of the R: - lines contain a message number.
>
> Does this message number serves anything for non-local users?
>
> >R:960401/2234Z @:RA3KP.MSK.RUS.EU #:43326 [Moscow] FBB5.15c $:23634_UR0GBA
> >          ^^^^^^^
> >R:960401/2214Z @:US5UU.KIV.UKR.EU #:18467 [Chornobyl] FBB5.15c $:23634_UR0GBA
> >          ^^^^^^^
> >R:960330/2207Z @:UT5DL.ZAK.UKR.EU #:26259 [Uzhgorod] FBB5.15c $:23634_UR0GBA
> >          ^^^^^^^
> >R:960330/1210Z @:UR0GBA.KHE.UKR.EU #:23634 [Kherson] FBB5.15c $:23634_UR0GBA
> >          ^^^^^^^
```

Not really.

This indicates what this message is numbered on the BBS whose R: line you are looking at. It is called the MID (or Message ID).

This same message is #23634 on UR0GBA, and #26259 on UT5DL, and #18467 on US5UU, and #43326 on RA3KP.

You will note that this number is used to generate DEFAULT BIDs, if the user does not supply a custom BID. On UR0GBA it is message #23634, and the BID is 23634_UR0GBA. While the BID was created from the MID, they are two different things, and the MID of the relay stations do not serve much use, unless there is a problem (such as a changed BID, etc) that you wish to track. For that, it can be useful to, for instance, tell RA3KP that it is message number 43326 on his system.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

5. Re: [BBSSIG:2485] Message Numbers in Forward Headers?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 4 Apr 1996 05:39:12 -0700
To: bbssig@tapr.org
Message-ID: <199604041239.FAA16275@acca.nmsu.edu>
Rendered body type: text/plain

At 09:05 PM 4/3/96 -0600, you wrote:

```
>Hello,
>
>I just have one question,
>
>in received forward, most of the R: - lines contain a message number.
>
>Does this message number serves anything for non-local users?
>
```

The original message number is there to help a sysop who wants to write back to the original bbs sysop some information about the message. It is optional and in my opinion, a waste of space. Many other sysops also feel it is a waste of space and have deleted it.

```
>Thank you for your help, and if this question sounds silly: Locally I have no
>f6fbb nor w0rli nor aa4re bbs accessible. Maybe therefore my lack of
>knowledge.
```

```
>
>73 Joachim
>
>----Example----
```

```
>>ALL @WW            de:US7GR 04.04.96 01:45 7 2001 Bytes
>>Penpals wanted
>>*** Bulletin-ID: 23634_UR0GBA ***
>>*** Received from DB0BLO ***
>>
>>R:960404/0144z @:DB0BLO.#BLN.DEU.EU [Berlin OP:DB5Q0] DP4.16 $:23634_UR0GBA
>>R:960404/0142z @:DB0TEM.#BRB.DEU.EU
>>R:960404/0143z @:DB0HRO.#MVP.DEU.EU [Rostock J064AC DL7B] DP4.16
>>R:960404/0109z @:DB0SAW.#SAA.DEU.EU
>>R:960404/0106z @:DB0NHM.#NDS.DEU.EU
>>R:960404/0107z @:DB0SIF.#HES.DEU.EU
>>R:960404/0206z @:DB0SRS.#HES.DEU.EU
>>R:960404/0106z @:DB0ZDF.#RPL.DEU.EU
>>R:960404/0105z @:DB0GE.#SAR.DEU.EU [Mailbox Saarbruecken] $:23634_UR0GBA
>>R:960404/0105z @:LX0PAC.LUX.EU
>>R:960404/0110z @ON7RC.#BR.BEL.EU [Brussels, J020EU, TheBox 1.9, OP: ON6KY]
>>R:960404/0057z @:ON1BWP.#BTN.BEL.EU #:15250 [St-Agatha-Berchem] FBB5.15c
>>
>>R:960404/0045z @:ON6AR.#AN.BEL.EU #:7690 [Antwerpen] FBB5.15c $:23634_UR0GBA
>>
>>R:960404/0007z @:F6CNB.#SETX.TX.USA.NOAM #:18340 $:23634_UR0GBA
>>
```

```

>>R:960402/2350Z @:WB0TAX.#SHRV.LA.USA.NOAM #:45166 $:23634_UR0GBA
>>
>>R:960403/2326Z @:HA3PG.HUN.EU #:53624 [Pecs] FBB5.15c $:23634_UR0GBA
>>
>>R:960403/2309Z @:HA50B.HUN.EURO #:56827 [Budapest] FBB5.15c $:23634_UR0GBA
>>
>>R:960402/0008Z @:RS3A.MSK.RUS.EU #:46213 [Moscow] FBB5.15c $:23634_UR0GBA
>>
>>R:960401/2234Z @:RA3KP.MSK.RUS.EU #:43326 [Moscow] FBB5.15c $:23634_UR0GBA
>>
>>R:960401/2214Z @:US5UU.KIV.UKR.EU #:18467 [Chornobyl] FBB5.15c $:23634_UR0GBA
>>
>>R:960330/2207Z @:UT5DL.ZAK.UKR.EU #:26259 [Uzhgorod] FBB5.15c $:23634_UR0GBA
>>
>>R:960330/1210Z @:UR0GBA.KHE.UKR.EU #:23634 [Kherson] FBB5.15c $:23634_UR0GBA
>>
>---End---
>
>
>--
>Joachim Schurig
>h0187akk@rz.hu-berlin.de (email)
>DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)
>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

```

6. Re: [BBSSIG:2485] Message Numbers in Forward Headers?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
 Date: Thu, 04 Apr 1996 10:23:33 -0800
 To: bbssig@tapr.org
 Message-ID: <9604041825.AA27155@em-wv03.wv.mentorg.com>
 Rendered body type: text/plain

At 09:05 PM 4/3/96 -0600, you wrote:
 >Hello,
 >
 >I just have one question,
 >
 >in received forward, most of the R: - lines contain a message number.
 >
 >Does this message number serves anything for non-local users?

The message number in the R: line is required to identify
 the message when it was at the bbs that created the R: line.

>

Hank Oredson @ Mentor Graphics Library Operations
 Internet : hank_oredson@mentorg.com "Parts 'R Us!"
 Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

7. Re: Message Numbers in Forward Headers?

From: roberte@interlink.no (Robert Eliassen)
 Date: Thu, 04 Apr 1996 22:38:46 +0200
 To: bbssig@tapr.org, Hank_Oredson@mentorg.com, la6gha@amsat.org
 Message-ID: <MD3PnOz02gAQ079yn@interlink.no>
 Rendered body type: text/plain

Hank Oredson <Hank_Oredson@mentorg.com> wrote:

> The message number in the R: line is required to identify
 > the message when it was at the bbs that created the R: line.

But is it really required? According to the comment in INIT.SRV (FBB) we
 should not modify the contents of the R: line, though it's indeed possible.

Now, a long H-route, 6-character callsign, and a long QTH-name would cause
 the R: line to exceed 80 characters. And then the last field will be
 erased. The last field is the BID, and I think the BID is more required
 than the message number at forwarding BBS.

So I've decided to drop the message number in order to supply BID in my
 R: lines. I don't need the traceability the message number gives. Bulletins
 in my BBS are not stored for a long time; they are forwarded and then killed
 after a couple of days.

```

#####
□ Robert Eliassen                □ e-mail : roberte@interlink.no    □
□ N-7960 Salsbruket              □ or      la6gha@amsat.org          □
□ Norway                          □                                     □
□                                □ AX.25   : LA6GHA@LA6GHA.TRD.U.NOR.EU □
□ Tel.: +47 74 39 87 11 (priv)   □ or      LA6GHA@N0ARY             □
□ Tel.: +47 74 07 47 14 (work)   □                                     □
□                                □ WEB      : http://www.interlink.no/gpe □
#####

```

From: Charles Brabham <n5pvl@texoma.com>
Date: Thu, 4 Apr 1996 16:47:56 -0600
To: bbssig@tapr.org
Message-ID: <199604042247.QAA27811@mercury.texoma.com>
Rendered body type: text/plain

```
>Now, a long H-route, 6-character callsign, and a long QTH-name would cause
>the R: line to exceed 80 characters. And then the last field will be
>erased. The last field is the BID, and I think the BID is more required
>than the message number at forwarding BBS.
>
>So I've decided to drop the message number in order to supply BID in my
>R: lines. I don't need the traceability the message number gives. Bulletins
>in my BBS are not stored for a long time; they are forwarded and then killed
>after a couple of days.
>
>73 de Bob.
>
```

For my part, I'd lose the long QTH description before I considered dropping the MID, BID, or any of the stuff which is actually useful.

----- 73 DE Charles N5PVL -----
E-Mail: n5pvl@texoma.com
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
Page: <http://www.texoma.com/~n5pvl>

From: "Brian A. Lantz" <brian@lantz.com>
Date: Thu, 4 Apr 1996 17:55:27 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960404175406.21038J-100000@lantz.com>
Rendered body type: text/plain

```
> Hank Oredson <Hank_Oredson@mentorg.com> wrote:
>
> > The message number in the R: line is required to identify
> > the message when it was at the bbs that created the R: line.
>
> But is it really required? According to the comment in INIT.SRV (FBB) we
> should not modify the contents of the R: line, though it's indeed possible.
>
> Now, a long H-route, 6-character callsign, and a long QTH-name would cause
> the R: line to exceed 80 characters. And then the last field will be
> erased. The last field is the BID, and I think the BID is more required
> than the message number at forwarding BBS.
```

```
> So I've decided to drop the message number in order to supply BID in my
> R: lines. I don't need the traceability the message number gives. Bulletins
> in my BBS are not stored for a long time; they are forwarded and then killed
```

But you need QTHs instead? For what?

```
-----
Brian A. Lantz      http://www.lantz.com      brian@lantz.com

REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

From: "Bob Nielsen" <nielsen@primenet.com>
Date: Thu, 4 Apr 1996 16:40:00 +0700
To: bbssig@tapr.org
Message-ID: <199604042340.QAA23015@usr5.primenet.com>
Rendered body type: text/plain

```
>I've been looking over the FTP sites looking for WORLI's bbs software,  
>and the latest version I can find is 18.01. Hank told me it should be up  
>to 19.04 now. Does anyone have an FTP site or BBS I can call to get 19.04?
```

Bob

Bob Nielsen Internet:nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
 AX.25: w6swe@wb7tts.az.usa.noam

From: tdrumm@sparc.isl.net (Tony Drumm)
Date: Thu, 04 Apr 1996 22:10:49 -0600
To: bbssig@tapr.org
Message-ID: <199604050402.WAA13225@sparc.isl.net>
Rendered body type: text/plain

73,
Tony Drumm
Rochester, MN
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From: roberte@interlink.no (Robert Eliassen)
Date: Fri, 05 Apr 1996 12:28:19 +0200
To: bbssig@tapr.org, n5pvl@texoma.com
Message-ID: <3NFPn0zO2YI8079yn@interlink.no>
Rendered body type: text/plain

Good point, Charles! The bottom line is: Do we really need R: lines at all?

R: lines are indeed considered as a pile of junk by many people.

I think we need them, they are giving us useful "ping-info". That is, if the clock at the forwarding-BBS is correct.

But you're right about the QTH description. It's a matter of priority. What should I drop, the QTH description or the msg# ? Or what about the software ID? I may be kinda shortsighted but I can't see the advantage of telling others what message number a messages forwarded by my BBS had on my system.

But it's of great historical use. Just like the old keps wich are stored on several ftp-sites. Guess the message number is slightly more useful than the QTH description. I'll reconsider my R: line ! :)

By the way: You can't tell from my callsign where in Norway I am located. And I guess the letter U or the three letters TRD don't make much sense to you either. The letter U is an area code, TRD means "Trondheim" wich is on the coast of Central Norway.

...but then again: Who cares? :)

73 de Bob.

```

#####
[] Robert Eliassen                [] e-mail : roberte@interlink.no  []
[] N-7960 Salsbruket              [] or      la6gha@amsat.org      []
[] Norway                        []                               []
[]                               [] AX.25  : LA6GHA@LA6GHA.TRD.U.NOR.EU []
[] Tel.: +47 74 39 87 11 (priv)   [] or      LA6GHA@N0ARY         []
[] Tel.: +47 74 07 47 14 (work)   []                               []
[]                               [] WEB    : http://www.interlink.no/gpe []
#####
```

13. Re: Message Numbers in Forward Headers?

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)
Date: Fri, 5 Apr 1996 14:19:19 +0100
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <v01540a00ad8ac69e6672@[141.20.199.54]>
Rendered body type: text/plain

Thank you all for your real helpful information.

In germany, bbs systems don't use message numbers to identify messages in the local bbs. We use board oriented systems, and a BID is the only handle to the message, if at all. Concerning private mails, two of the three currently used bbs systems over here do not apply BIDs at all, and the anchor to them is only given by Originator/Subject. The third system (authored by myself) makes no distinction in supplying BIDs to privates or bulletins, what makes the BID a unique handle.

From part of the network, I also cannot see any difference between MIDs and BIDs generated by fbb bbs, and the M feature in the SID is hopefully not incorrectly interpreted by me as the ability of the other system to accept BIDs for messages destined to a call. Have the feeling there is only a naming problem. As far as it concerns my system, BIDs are generated or accepted for any type of message but are only forwarded to other systems if a) destination is non-callsign and SID contains \$ or b) destination is callsign and SID contains M. Can someone confirm that to be OK?

Two words about the R:-Lines in general: I didn't wrote my question to propose you to shorten them, I really was interested in the need of the message number and to make sure you don't miss something in the R:-Lines of my system. Please, do not suppress them, for some bbs systems, it is the base of smart routing abilities (so for mine, but believe also for TNOS, Brian?). Also, the hierarchical path of your systems is extracted of them.

By the way, the QTH is considered as a useful info by me, as the user can search for a bbs at a specific location.

Happy easter and thanks again for your help.

--
Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

14. FBB + Win95

From: Dave Wolf <wo5h@tapr.org>
Date: Fri, 5 Apr 1996 06:28:01 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199604051228.GAA14376@tapr.org>
Rendered body type: text/plain

Is anyone running FBB under a DOS session with Win95? Any gotchas?
Yes, I know that WinFBB is in beta and available. I'll wait for the
general release. In the meantime, I'm wondering about the DOS version of
FBB and Win95. Just made the switch on my work computer and wondering if
there is anything to gain by installing Win95 on the BBS computer?

Dave W05H

15. Re: [BBSSIG:2496] FBB + Win95

From: Don Lewis <dlewis@cdsnet.net>
Date: Fri, 05 Apr 1996 13:29:31 +0000
To: bbssig@tapr.org
Message-ID: <3165203B.376F@cdsnet.net>
Rendered body type: text/plain

Dave Wolf wrote:

>
> Is anyone running FBB under a DOS session with Win95? Any gotchas?
> Yes, I know that WinFBB is in beta and available. I'll wait for the
> general release. In the meantime, I'm wondering about the DOS version of
> FBB and Win95. Just made the switch on my work computer and wondering if
> there is anything to gain by installing Win95 on the BBS computer?

FBB 5.15c runs fine under Win95. Had it going here with BPQ & SAM callbook.
Nothing special to tweak, no secrets to share.

Anything to gain? Naw. Unless you have gobs of RAM. FBB loves your memory.
Multitasking FBB on an 8 meg DX2/66 under Win95 was poor. FBB ran fine as
the only application. Smaller apps work Ok, but larger ones cause mucho
virtual memory swapping and poor performance. 16 megs appears to clean that
up quite a bit.

--

```
      | |      )
     _|_| -_) \ \ \ / |(-<
    \__|_| \__| \_/ \_/ _|_/
      |ki7ae@ki7ae.#seor.or.usa.noam
      mailto:dlewis@cdsnet.net
```

16. Re: [BBSSIG:2496] FBB + Win95

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Fri, 5 Apr 1996 06:39:37 -0700
To: bbssig@tapr.org
Message-ID: <199604051339.GAA15767@acca.nmsu.edu>
Rendered body type: text/plain

Dave, I have found that win95 is in a basic sense unstable. Every
time you turn it on something new can happen, and often does. But if you can
live with this, then fbb version 5.15c runs great in a dos window, even with
BPQ running as a tsr in that window.

At 06:35 AM 4/5/96 -0600, you wrote:

>Is anyone running FBB under a DOS session with Win95? Any gotchas?
>Yes, I know that WinFBB is in beta and available. I'll wait for the
>general release. In the meantime, I'm wondering about the DOS version of
>FBB and Win95. Just made the switch on my work computer and wondering if
>there is anything to gain by installing Win95 on the BBS computer?

>
>Dave W05H

>

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

17. Re: [BBSSIG:2493] MSYS questions

From: Larry Shotwell <pony@bright.net>
Date: Fri, 5 Apr 1996 09:32:11 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <199604051432.JAA21746@brutus.bright.net>
Rendered body type: text/plain

At 10:25 PM 4/4/96 -0600, you wrote:

>Anyone here have any experience with MSYS? We are running MSYS under OS/2

>and experience some sort of memory leak which can be fixed only by shutting
>MSYS down and restarting it. We'd like to put together a REXX script which
>will do this periodically for us so our sysops don't have to go to the
>machine (it's at our radio station at work) to do it manually. Only way we
>can think of to do this is to have OS/2 kill the process and restart it.
>But I don't know how gracefully MSYS handles being killed. Any comments?

I am running BPQ node software, then Windows95, then msys in a window on a
386dx40 with 16meg of ram without any memory leaks as you call it. The
system will run for weeks at a time at which point I take it down to do
housecleaning. The network node part of the software seems to have the
bugs in it that cause the most problems. The problems start if there are
more than 1 route to a destination node. Eventually something will happen to
cause the 2nd or 3rd route to be chosen. This may not be a real route but
possibly an echo type route, or a route that ends up right back at your node.
If this is the case you are done for. Msys will NEVER recover from this
condition. For some reason it will never return to the primary route
even if the primary is back up and available and the secondary does not work.
Packets will be retried over and over and your memory for buffering packets
will drop until the system dies. That is the only memory hog that I have
had problems with and the use of the BPQ software solved that problem. Larry

>
>73,
>Tony Drumm
>Rochester, MN
>internet: tdrumm@sparc.isl.net
>Packet: aa0smwd0gnk.#semn.mn.usa.na
>
>
>

18. Re: [BBSSIG:2493] MSYS questions

From: Timothy A. Cunningham@ccgate.genrad.com
Date: Fri, 05 Apr 96 08:01:58 EST
To: bbssig@tapr.org
Message-ID: <9603058287.AA828727868@ccgate.genrad.com>
Rendered body type: text/plain

Tony,

There is an old DOS utility called STUFFIT floating around that
will store keystrokes that can be send at specified intervals of
time.

I use Stuffit on my SatGate station to send the Alt-X to close the
BBS and answer Y to the question that follows. This allows me to
time how long I keep FBB running before shutting it down for the
next satellite pass. Since I only use FBB to forward to the local
BBS, I do not keep my BBS on-line all the time. It works great!

Regards,

Tim

internet: n8deu@amsat.org
packet : n8deu@n8deu.#hsv.al.usa.na

Reply Separator
Subject: [BBSSIG:2493] MSYS questions
Author: bbssig@tapr.org at CCGATE
Date: 4/5/96 12:04 AM

Anyone here have any experience with MSYS? We are running MSYS under OS/2
and experience some sort of memory leak which can be fixed only by shutting
MSYS down and restarting it. We'd like to put together a REXX script which
will do this periodically for us so our sysops don't have to go to the
machine (it's at our radio station at work) to do it manually. Only way we
can think of to do this is to have OS/2 kill the process and restart it. But
I don't know how gracefully MSYS handles being killed. Any comments?

73,
Tony Drumm
Rochester, MN

internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

□

19. Re: [BBSSIG:2493] MSYS questions

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 5 Apr 1996 09:29:54 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199604051529.JAA13480@zeus.ia.net>
Rendered body type: text/plain

Tony Drumm wrote:

>
> Anyone here have any experience with MSYS? We are running MSYS under OS/2
>
> 73,
> Tony Drumm
>
>
> Tony,

There are several relatively simple circuits for resting a BBS.
DTMF off the air decoding is one possibility, the other is a simple
telephone ring counter. That will work if the pc is hung and the
phone doesn't get answered.

Both of these can be rigged to cause cold boot and then bring up
some minimal configuration. I've gone through problems with DV
and programs in various windows fighting with each other. It could
be that things are a bit more controlled in OS2.

73 Barry

20. Re: [BBSSIG:2495] Re: Message Numbers in Forward Headers?

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 5 Apr 1996 09:41:51 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199604051541.JAA13602@zeus.ia.net>
Rendered body type: text/plain

Joachim Schurig wrote:

>
> Thank you all for your real helpful information.
>
> In germany, bbs systems don=B4t use message numbers to identify messages in
> the local bbs. We use board oriented systems, and a BID is the only handle
> to the message, if at all. Concerning private mails, two of the three
>
> . much deleted...
> --
> Joachim Schurig
> h0187akk@rz.hu-berlin.de (email)
> DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)
>
>
>
Joachim,

Can you post more information about your program.

If possible, can you upload the program to the TAPR ftp site? Then
people could download it and review it in more detail?

In the US we don't hear enough about what is going on in EURO.

Thanks for keeping us informed.
73 Barry

21. Re: [BBSSIG:2492] WORLI BBS software?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Fri, 05 Apr 1996 09:12:09 -0800
To: bbssig@tapr.org
Message-ID: <9604051714.AB05523@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 06:00 PM 4/4/96 -0600, you wrote:
>pbriggs@ncw.net (Patrick Briggs) wrote (in

```
>rec.radio.amateur.digital.misc):
>
>>I've been looking over the FTP sites looking for W0RLI's bbs software,
>>and the latest version I can find is 18.01. Hank told me it should be up
>>to 19.04 now. Does anyone have an FTP site or BBS I can call to get 19.04?
>
>ftp.tapr.org has 18.05. If anyone (Hank?) has a newer copy, please
>upload to ftp.tapr.org in /tapr/software_lib/UPLOAD.
```

The newer versions (19.x) have a more complex distribution (multiple archives, one for each product). They have only been released for testing. Plan to release an update (19.8 probably) soon.

19.4 was the last version released for testing. Have no idea where it was placed. John, N6IYA takes care of distribution.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

22. WinFBB DSZ.BAT

```
From: Don Lewis <dlewis@cdsnet.net>
Date: Fri, 05 Apr 1996 22:25:59 +0000
To: bbssig@tapr.org
Message-ID: <31659DF7.72C1@cdsnet.net>
Rendered body type: text/plain
```

I was having troubles with WinFBB and zmodem file transfers on my modem port. The UART is supposed to be a 16550 clone, and for all practical purposes (except DSZ) it acts like one.

Here's a fix for the DSZ.BAT file to make DSZ use (or think it's using) an 8250 UART.

```
DSZ %1 %2 pP0 %3 %4 %5 %6 %7 %8 %9
```

Note the lower-case 'p', the upper-case 'P', and the zero.

--

```
  | |
 _`| | | -_) \ \ \ / | (-<
 \__,_| | \__| \_/\_/_|___/
      |__|ki7ae@ki7ae.#seor.or.usa.noam
      mailto:dlewis@cdsnet.net
```

23. Re: [BBSSIG:2499] Re: MSYS questions

```
From: tdrumm@sparc.isl.net (Tony Drumm)
Date: Fri, 05 Apr 1996 21:53:21 -0600
To: bbssig@tapr.org
Message-ID: <199604060344.VAA09572@sparc.isl.net>
Rendered body type: text/plain
```

```
>I am running BPQ node software, then Windows95, then msys in a window on a
>386dx40 with 16meg of ram without any memory leaks as you call it. The
>system will run for weeks at a time at which point I take it down to do
>housecleaning.
```

Larry,

What is BPQ and how do MSYS and it interact?

I'm not the SYSOP so I don't know all the details. Unfortunately, when I've tried to find help in the MSYS manual I get frustrated by its (lack of) organization. The memory problem is evident in that if you use the mem command, you see MSYS's reported memory available gradually drop. Eventually, it gets very low and MSYS will not respond to any users. The sysop(s) have to stop it and restart it about every three days.

We do use the node capability of MSYS (I use this personally quite a bit!). But I was at the station the other day when our newer sysop had just restarted it and about 15 minutes later it was already down a few KB. This was in the middle of a weekday when we get very little user traffic.

Tony Drumm
Rochester, MN
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gknk.#semn.mn.usa.na

24. Re: [BBSSIG:2500] Re: MSYS questions

From: tdrumm@sparc.isl.net (Tony Drumm)
Date: Fri, 05 Apr 1996 21:53:23 -0600
To: bbssig@tapr.org
Message-ID: <199604060344.VAA09575@sparc.isl.net>
Rendered body type: text/plain

> There is an old DOS utility called STUFFIT floating around that
> will store keystrokes that can be send at specified intervals of
> time.

Tim,

I should have remembered this sort of thing (I've been around PCs since their introduction). I'll have to do some detective work to see whether this sort of thing can work in a DOS box under OS/2.

Tony Drumm
Rochester, MN
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

25. Re: [BBSSIG:2501] Re: MSYS questions

From: tdrumm@sparc.isl.net (Tony Drumm)
Date: Fri, 05 Apr 1996 21:53:25 -0600
To: bbssig@tapr.org
Message-ID: <199604060344.VAA09579@sparc.isl.net>
Rendered body type: text/plain

>Tony,
>
>There are several relatively simple circuits for resting a BBS.
>DTMF off the air decoding is one possibility, the other is a simple
>telephone ring counter. That will work if the pc is hung and the
>phone doesn't get answered.
>

Barry,

We don't actually have to take down the machine. Just need to stop MSYS and restart it from its icon on the OS/2 desktop. Might be something to keep in mind, though, to help the sysop(s) avoid coming in when things go really wrong. We do have a telephone modem connected to the system.

Tony Drumm
Rochester, MN
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

26. Re: [BBSSIG:2506] Re: MSYS questions

From: Timothy_A._Cunningham@ccgate.genrad.com
Date: Fri, 05 Apr 96 23:32:10 EST
To: bbssig@tapr.org
Message-ID: <9603068287.AA828780570@ccgate.genrad.com>
Rendered body type: text/plain

Tony,

I should have mentioned that I have used STUFFIT under DOS and within the dreaded Windows 3.XX environment and it works in those two places pretty well. Let me know what you come up with.

Thanks,
Tim - N8DEU

Subject: [BBSSIG:2506] Re: MSYS questions
Author: bbssig@tapr.org at CCGATE
Date: 4/5/96 11:31 PM

> There is an old DOS utility called STUFFIT floating around that
> will store keystrokes that can be send at specified intervals of
> time.

Tim,

I should have remembered this sort of thing (I've been around PCs since

their introduction). I'll have to do some detective work to see whether this sort of thing can work in a DOS box under OS/2.

Tony Drumm
Rochester, MN
internet: tdrumm@sparc.isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

□

27. Re: [BBSSIG:2505] Re: MSYS questions

From: Larry Shotwell <pony@bright.net>
Date: Sat, 6 Apr 1996 09:37:23 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <199604061437.JAA13626@brutus.bright.net>
Rendered body type: text/plain

At 09:55 PM 4/5/96 -0600, you wrote:
>>I am running BPQ node software, then Windows95, then msys in a window on a
>>386dx40 with 16meg of ram without any memory leaks as you call it. The
>>system will run for weeks at a time at which point I take it down to do
>>housecleaning.
>
>Larry,
>
>What is BPQ and how do MSYS and it interact?
>
>I'm not the SYSOP so I don't know all the details. Unfortunately, when I've
>tried to find help in the MSYS manual I get frustrated by its (lack of)
>organization. The memory problem is evident in that if you use the mem
>command, you see MSYS's reported memory available gradually drop.
>Eventually, it gets very low and MSYS will not respond to any users. The
>sysop(s) have to stop it and restart it about every three days.
>
>We do use the node capability of MSYS (I use this personally quite a bit!).
>But I was at the station the other day when our newer sysop had just
>restarted it and about 15 minutes later it was already down a few kB. This
>was in the middle of a weekday when we get very little user traffic.
>Tony Drumm
>Rochester, MN
>internet: tdrumm@sparc.isl.net
>Packet: aa0sm@wd0gnk.#semn.mn.usa.na
>
>
>
Tony,

The memory management in msys appears to be a stack. Each connection (channel) uses a particular amount of memory. If there are 6 channels in use it will use 6 times this amount of memory. The unfortunate part is that if connections 1 through 5 go away but connection 6 is still there, none of the memory from the first 5 connections will be released for use again. I had this problem when there was a dxcluster connecting to my node and it stayed there all day. If his connection came in at a busy time it would tie up a lot of memory. My solution to this one was to ask him to connect to my bpq node not my msys node. To see if this is your problem, next time you show no memory, manually disconnect each channel in use until they are all gone, then see if the memory has re-appeared.

BPQ is a dos based multiport network switch. It can be downloaded from many ftp sites. It uses very little memory, can run in the foreground, or memory resident in the background, and it works rather well. Some bbs systems have bios call interfaces setup to connect the bbs to the bpq node (FBB and RLI are two for sure). Msys does not have a direct interface that I am aware of. I have 8 serial ports on my machine, two of them are connected together with a 2-3, 3-2 cable. The bpq talks to one of these ports and the MSYS talks to the other. The ports are all running in KISS mode. An added advantage to this setup is when I do housecleaning on msys, the node stays in operation. My normal user ports are still connected to the MSYS so they are temporarily out of service but housecleaning only takes 5 min;s anyway. Larry

28. Re: [BBSSIG:2486] Re: Message Numbers in Forward Headers?

From: Paul Kearney <ei7gm@iol.ie>
Date: Sat, 6 Apr 1996 16:15:29 +0100 (BST)
To: bbssig@tapr.org
Message-ID: <Pine.sol.3.90.960406160440.2202D-100000@joyce.iol.ie>
Rendered body type: text/plain

> >
> > Does this message number serves anything for non-local users?

```

> >
> > >R:960401/2234Z @:RA3KP.MSK.RUS.EU #:43326 [Moscow] FBB5.15c $:23634_UR0GBA
> > > ^^^^^^
> > >R:960401/2214Z @:US5UU.KIV.UKR.EU #:18467 [Chornobyl] FBB5.15c $:23634_UR0GBA
> > > ^^^^^^
> > >R:960330/2207Z @:UT5DL.ZAK.UKR.EU #:26259 [Uzhgorod] FBB5.15c $:23634_UR0GBA
> > > ^^^^^^
> > >R:960330/1210Z @:UR0GBA.KHE.UKR.EU #:23634 [Kherson] FBB5.15c $:23634_UR0GBA
> > > ^^^^^^

```

before fbb515c some sysops used the 'size' of the number to brag
on how big a bbs they had.
now , with 515c the number wraps-around after 65535-ish.

The number CAN be used to re-generate a lost BID/MID.

In the "old days" BID's/MID's sometimes were lost somewhere
in the chain that messages were forwarded along.

One piece of BBS software , wont mention his name just in case
he's watching , used to try and re-generate the BID/MID.
It may not have generated the exact original one but it did
a big effort to find it based on info contained in the
mail header.

The real waste of space is telling the world that you are running fbb515c !

The inclusion of the BID/MID in the header line is as a result of
bid/mid changing happening .
If you attach the bid/mid on your header , it can be clearly seen
what bbs has changed it.
its wastes more space but can be very handy and useful to spot
the bad-bbs.
(the variable is \$R on fbb) (and its \$\$:\$R for the line in INIT.SRV)

Bye
Paul
"in a small place called Ireland"

29. Re: [BBSSIG:2510] Re: Message Numbers in Forward Headers?

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)
Date: Sat, 06 Apr 1996 16:57:39 GMT
To: bbssig@tapr.org
Message-ID: <31669d38.2148391@hannibal.wncc.cc.ne.us>
Rendered body type: text/plain

On Sat, 6 Apr 1996 09:24:58 -0600 (CST), you said:

```

> > >
> > > Does this message number serves anything for non-local users?
> > >
> > > >R:960401/2234Z @:RA3KP.MSK.RUS.EU #:43326 [Moscow] FBB5.15c $:23634_UR0GBA
> > > > ^^^^^^
> > > >R:960401/2214Z @:US5UU.KIV.UKR.EU #:18467 [Chornobyl] FBB5.15c $:23634_UR0GBA
> > > > ^^^^^^
> > > >R:960330/2207Z @:UT5DL.ZAK.UKR.EU #:26259 [Uzhgorod] FBB5.15c $:23634_UR0GBA
> > > > ^^^^^^
> > > >R:960330/1210Z @:UR0GBA.KHE.UKR.EU #:23634 [Kherson] FBB5.15c $:23634_UR0GBA
> > > > ^^^^^^
>
> before fbb515c some sysops used the 'size' of the number to brag
> on how big a bbs they had.
> now , with 515c the number wraps-around after 65535-ish.

```

Having the number of the message for each bbs is one of the most useful
things in the header string. When I have a problem with a message, I can
write to UT5DL and ask him if the same problem was apparent in his number
26259. If not, then the problem is with me or UR0GBA (assuming the above
headers are what are presented at my board). This happens frequently here.
I think someone is running an old beta version of Dean's m_filter and I am
getting lots of zero length messages lately. By asking the last couple of
stations, I can confirm that my version isn't doing the dirty deed.

Gary

30. Re: [BBSSIG:2509] Re: MSYS questions

From: tdrumm@sparc.isl.net (Tony Drumm)
Date: Sat, 06 Apr 1996 18:00:48 -0600
To: bbssig@tapr.org
Message-ID: <199604062352.RAA00139@sparc.isl.net>
Rendered body type: text/plain

Larry,

Thanks for the extra info. We currently have two VHF ports, 1 UHF, and one HF. I don't think with our limited network we can really afford to eliminate any of them as nodes but maybe we should think through just how it's really configured.

BTW, is anyone using Pactor for mail forwarding on HF? We see very little on our HF packet port and think Pactor would be much better for getting some use out of that radio and TNC.

>Tony,

> The memmory management in msys appears to be a stack. Each connection
>(channel) uses a particular amount of memory. If there are 6 channels in
>use it will use 6 times this amount of memory. The unfortunate part is that
>if connections 1 through 5 go away but connection 6 is still there, none of
>the memory from the first 5 connections will be released for use again. I
>had this problem when there was a dxcluster connecting to my node and it
>stayed there all day. If his connectiong came in at a busy time it would
>tie up a lot of memory. My solution to this one was to ask him to connect to
>my bpq node not my msys node. To see if this is your problem, next time you
>show no memory, manually disconnect each channel in use until they are all
>gone, then see if the memory has re-appeared.
> BPQ is a dos based multiport netowrk switch. It can be downloaded from
>many ftp sites. It uses very little memory, can run in the foreground, or
>memory resident in the background, and it works rather well. Some bbs
>systems have
>bios call interfaces setup to connect the bbs to the bpq node (FBB and RLI
>are two for sure). Msys does not have a direct interface that I am aware of.
>I have 8 serial ports on my machine, two of them are conencted together with
>a 2-3, 3-2 cable. The bpq talks to one of these ports and the MSYS talks to
>the other. The ports are all running in KISS mode. An added advantage to
>this setup is when I do houscleaning on msys, the node stays in operation. My
>normal user ports are still connected to the MSYS so they are temporarily
>out of service but houscleaning only takes 5 min;s anyway. LArRY

>

>

>

Tony Drumm

Rochester, MN

internet: tdrumm@sparc.isl.net

Packet: aa0sm@wd0gnk.#semn.mn.usa.na

31. TAPR Server Notice

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 9 Apr 1996 18:05:07 -0500 (CDT)
To: tapr-bb@tapr.org (TAPR-BB mailing), hfsig@tapr.org (HF SIG mailing),
aprssig@tapr.org (BBS SIG mailing), netsig@tapr.org (NETSIG mailing),
bbssig@tapr.org (BBS SIG mailing), tapr-tnc@tapr.org (tapr-tnc)
Message-ID: <199604092305.SAA05153@tapr.org>
Rendered body type: text/plain

The TAPR server will be physically relocated during the weekend
of 12 - 15 April. There may be times between now and Monday
night when the system will be unavailable.

Tucson Amateur Packet Radio
8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000

e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: http://www.tapr.org/tapr

32. Sysop Messages

From: Phillip Conza <z12tze@mlb.planet.gen.nz>
Date: Thu, 11 Apr 1996 20:36:04 +1200 (NZST)
To: bbssig <bbssig@tapr.org>
Message-ID: <Pine.LNX.3.91.960411201909.7130E-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

1st up is there a LISTSERV for SYSOPS ?

If someone feels this should go to another LIST please feel free to repost.

I will post this here and hope that it may find the correct channels..

There is more and more Bulletins around these days with ALTERDED BIDS
I found 20 in todays mail that I FTP from a site..

Can SYSOPS please take note of the following Callsigns and keep an eye on them by entering them in your REJECT.SYS as H = HOLD...

VK4JON alters BIDS on KEPS @ AMSAT
EA5RQ sends multi messages for the same thing 7 today with different titles.

EA3RDG seems there is someone there using ZS5S callsign and posting messages to DIGI @ WW with junk in the message..
Last time I heard from ZS5S (Joost) he was still living in AF .. Header read ZS5S @ EA5RDG etc... Not ZS5S's homebbs

These are just a few, no doubt there are others, if you find them how about posting them on the LIST and we can all try and sort the DUPES etc out..

This will hopefully help those that FWD on HF as there is nothing that gets a SYSOP made faster than ALTERED BIDS and DUPE messages..

73 Phillip ZL2TZE
zl2tze@mlb.planet.gen.nz

33. Re: [BBSSIG:2502] Re: Message Numbers in Forward Headers?

From: ei7gm@iol.ie (Paul Kearney)
Date: Thu, 11 Apr 1996 12:44:17 +0100
To: bbssig@tapr.org
Message-ID: <199604111245.NAA26146@GPO.iol.ie>
Rendered body type: text/plain

>

>In the US we don't hear enough about what is going on in EURO.

>

You just wont give up will you !

Just watch European Mail Headers and respect our decision.

The majority of people in this part of the world would use the letters "US" to signify United States of America.
Some would say "US of A".
If you like , why not change your mail address to USOA to satisfy your 4-letter requirement ??

What? you dont like USOA ?....

73
Paul

34. Re: [BBSSIG:2501] Re: MSYS questions

From: ei7gm@iol.ie (Paul Kearney)
Date: Thu, 11 Apr 1996 12:44:20 +0100
To: bbssig@tapr.org
Message-ID: <199604111245.NAA26148@GPO.iol.ie>
Rendered body type: text/plain

>

>There are several relatively simple circuits for resting a BBS.
>DTMF off the air decoding is one possibility, the other is a simple telephone ring counter. That will work if the pc is hung and the phone doesn't get answered.

>

Another method which is a bit slower but works.

Monitor the rs232 data-out lines from the pc.
If no activity on the line during a xx-minute-period RESET the pc.
The data pulses will reset the timer.

Configure the pc to send a small packet on this port each xx-minute-period.

It means that no-one is required to be around to fire the 'secret dtmf'

pattern at the machine when a crash is suspected.

73
paul

35. Re: [BBSSIG:2515] Re: Message Numbers in Forward Headers?

From: "Brian A. Lantz" <brian@lantz.com>
Date: Thu, 11 Apr 1996 18:32:35 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960411182736.26906D-100000@lantz.com>
Rendered body type: text/plain

On Thu, 11 Apr 1996, Paul Kearney wrote:

> >
> >In the US we don't hear enough about what is going on in EURO.
> >
>
> You just wont give up will you !

Paul, the discussion had NOTHING to do with EU/EURO. He chose *AN* abbreviation of the continent named Europe. Does HE (and ALL of US) need to use the same abbreviation that YOU use for YOUR haddress, for EVERY reference (in context or out of context) of that continent? I think NOT!

> If you like , why not change your mail address to USOA to satisfy
> your 4-letter requirement ??
>
> What? you dont like USOA ?....

Well, one reason is that the USA is NOT a continent, it is a country. The proposal was a 4 character CONTINENT code. North America *IS* a continent, hence the usage of NOAM within that proposal.

You (and others) have made it QUITE OBVIOUS that you have NO intention of discussing co-operation in this (and other) matters, and that is your right.

If you wish to continue this discussion (which was NOT a part of the thread being responded to), please find someone who CARES! This attitude of beligerant uncooperation has gone FAR past the point of ridiculous!

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

36. Re: [BBSSIG:2517] Re: Message Numbers in Forward Headers?

From: Larry Shotwell <pony@bright.net>
Date: Thu, 11 Apr 1996 23:09:52 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199604120309.XAA18944@brutus.bright.net>
Rendered body type: text/plain

At 05:34 PM 4/11/96 -0500, you wrote:

>On Thu, 11 Apr 1996, Paul Kearney wrote:
>
>> >
>> >In the US we don't hear enough about what is going on in EURO.
>> >
>>
>> You just wont give up will you !
>
>Paul, the discussion had NOTHING to do with EU/EURO. He chose *AN* abbreviation of the continent named Europe. Does HE (and ALL of US) need >to use the same abbreviation that YOU use for YOUR haddress, for EVERY >reference (in context or out of context) of that continent? I think NOT!
>
>> If you like , why not change your mail address to USOA to satisfy
>> your 4-letter requirement ??
>>
>> What? you dont like USOA ?....
>

>Well, one reason is that the USA is NOT a continent, it is a country. The
>proposal was a 4 character CONTINENT code. North America *IS* a
>continent, hence the usage of NOAM within that proposal.

No the proposal was for a 2 to 4 character continent code.

>
>You (and others) have made it QUITE OBVIOUS that you have NO intention of
>discussing co-operation in this (and other) matters, and that is your right.
>
Brian, whats your definition of co-operation, "Do it your way"? Why can't
you respect others opinions? Your foul attitude towards anyone who's
opinion does not agree with your own gives americans a bad reputation. I
think the entire NA vs NOAM and EU vs EURO ordeal has been a total and utter
disgrace.
Those who were swapping NA to NOAM and EU to EURO while Tapr was deciding on
the suggested list of designators obviously swayed the decision by tainting
the data. Now you act like the suggested list is law rather than merely the
"suggestion" that even TAPR says you dont have to use.

>If you wish to continue this discussion (which was NOT a part of the
>thread being responded to), please find someone who CARES! This attitude
>of belligerent uncooperation has gone FAR past the point of ridiculous!
>
Yes there are those of us who care. The question is do you care what others
think? Larry wn7c@wn7c.#ncoh.oh.usa.NA

>
>-----
>Brian A. Lantz http://www.lantz.com brian@lantz.com
>
>REAL PORTION of Microsoft Windows code:
> while (memory_available) {
> eat_major_portion_of_memory (no_real_reason);
> if (feel_like_it)
> make_user_THINK (this_is_an_OS);
> gates_bank_balance++;
> }
>
>
>
>

37. Re: [BBSSIG:2518] Re: Message Numbers in Forward Headers?

From: "Brian A. Lantz" <brian@lantz.com>
Date: Fri, 12 Apr 1996 08:24:08 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960412081018.26906Q-100000@lantz.com>
Rendered body type: text/plain

On Thu, 11 Apr 1996, Larry Shotwell wrote:

> No the proposal was for a 2 to 4 character continent code.

Please read TAPR's proposal again. The proposal was for 4 character continent
designators, period. The region designator could be 2-4, but the
continent was recommended as 4.

> >You (and others) have made it QUITE OBVIOUS that you have NO intention of
> >discussing co-operation in this (and other) matters, and that is your right.
> >
> Brian, whats your definition of co-operation, "Do it your way"? Why can't
> you respect others opinions? Your foul attitude towards anyone who's
> opinion does not agree with your own gives americans a bad reputation. I
> think the entire NA vs NOAM and EU vs EURO ordeal has been a total and utter
> disgrace.

WHEN DID *I* ever try to force ANYTHING on ANYONE ELSE! GET YOUR STORY
CORRECT!!!!

I, like many other who have TRIED for several years to have a
responsible, co-operative dialog on this, are ALWAYS met by
inflexibility, accusations (unfounded), and anger, and this is ANOTHER
example of this....

GET A LIFE!

I repeat, this thread had/has NOTHING to do with the European's attitude

that someone who actually has the GALL to try to work together to make things better MUST be DICTATING to them.

And EVERY chance possible, whether it has something to do with the conversation or not, this BIAS is dragged out, and shoved down our throats again....

> Those who were swapping NA to NOAM and EU to EURO while Tapr was deciding on
> the suggested list of designators obviously swayed the decision by tainting
> the data. Now you act like the suggested list is law rather than merely the
> "suggestion" that even TAPR says you don't have to use.

No, I 'act' like making things better for ALL is a worthwhile way to do things, and that dialog toward that end is a goal we SHOULD attain. I 'act' like a sensible solution to a broken non-standard is worth seeking. I 'act' like those who very ANGRILY and RUDELY keep a bitter battle on to PREVENT co-operation and progress from happening SHOULD be ignored.

> > If you wish to continue this discussion (which was NOT a part of the
> > thread being responded to), please find someone who CARES! This attitude
> > of beligerant uncooperation has gone FAR past the point of ridiculous!
> >
> Yes there are those of us who care. The question is do you care what others
> think? Larry wn7c@wn7c.#ncoh.oh.usa.NA

The QUESTION is, who raised this? Was it a part of the discussed thread? No. Was it used as a pot-shot to Barry to try to stir the pot on this again and raise ill will? Yes. Does this venom help anyone? No. Will you enter into a sane discussion on the matter, dealing with the facts, toward the goal of the better good? Obviously not.

Yes, I DO NOT CARE to be involved in a bitter, one-sided monologue, used as a soapbox for those who do NOT care to work together. I AM concerned about creating a REAL addressing standard for packet, that addresses the problems that exist. I just don't care to be involved in a petty, namecalling, mud-slinging contest with those who have no intention to work towards a solution.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

38. Re: [BBSSIG:2518] Re: Message Numbers in Forward Headers?

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Fri, 12 Apr 1996 10:02:25 -0800
To: bbssig@tapr.org
Message-ID: <9604121704.AA06066@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 10:33 PM 4/11/96 -0500, you wrote:

>No the proposal was for a 2 to 4 character continent code.

The original proposal, from W3IWI, was for a four character continent code. That's what we've been debating for ten years.

But now all bbs software has the ability to solve the problem.

I see only "EURO" because that is what I like to see.
Does not matter what you send, on my system it is "EURO".
You want something different, have your software take care
of that for you ... and then stop the silly whining.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

39. TAPR Election Results

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 13 Apr 1996 14:31:05 -0500 (CDT)

To: bbssig@tapr.org
Message-ID: <199604131931.OAA00668@zeus.ia.net>
Rendered body type: text/plain

Greg Jones wrote:

>
> TAPR Board of Directors Election Completed
>
> The last issue of the PSR had the election ballot for Board of Directions.
>
> The ballots have been received and counted and the following Board members
> have been elected:
> Bob Hansen, N2GDE
> Gary Hauge, N4CHV
> Steve Bible, N7HPR
>
> I would like to welcome back to the board Bob Hansen, N2GDE, and Gary Hauge,
> N4CHV. Joining the board as a new member is Steve Bible, N7HPR.
>
> Thanks to all the members who voted.
>
> I would like to personally thank Keith Justice, KF7TP, for serving on the TAPR
> Board since 1993 and Vice President during 94-95.
>
> Cheers - Greg Jones, WD5IVD
> Pres TAPR
>
>
>

40. Re:[BBSSIG:2502] Re: Message Numbers in Forward Headers?

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)
Date: Tue, 16 Apr 1996 11:06:29 +0100
To: barry@ia.net
Cc: bbssig@tapr.org
Message-ID: <v01540a00ad99207fe97f@[141.20.199.55]>
Rendered body type: text/plain

At 09:42 Uhr 05.04.1996, Barry Buelow WA0RJT wrote:

* Joachim,
*
* Can you post more information about your program.
*
* If possible, can you upload the program to the TAPR ftp site? Then
* people could download it and review it in more detail?
*
* In the US we don't hear enough about what is going on in EURO.
*
* Thanks for keeping us informed.
* 73 Barry

Hi Barry,

currently have problems either to connect to the tapr ftp due to overloaded
links or wrong address.

Tried ftp://ftp.tapr.org, got no response the last two days.

Could you give me the correct address?

In some days, a new release of dpbox / tnt for linux will be available at
ftp.funet.fi in Helsinki, this is the preferred ham radio ftp server for
Europe.

Documentation should be available at <http://www.snafu.de/~wahlm/> this
evening, in full html format. 260k.

73s, Joachim

--
Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

41. @ Fields and delivery of

From: Phillip Conza <zl2tze@mlb.planet.gen.nz>
Date: Tue, 16 Apr 1996 10:48:32 +1200 (NZST)
To: bbssig <bbssig@tapr.org>

Message-ID: <Pine.LNX.3.91.960416100610.23923B-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

Please forgive me if this has been tossed around here before..

I have for the last 4 years seen many 100s of CQ Bulletins sent @ WW when about half of them have had Titles CQ country ..

These these bulletins are ONLY addressed @ WW for 1 reason (I believe)

That is that there is NO set way to delivery these to that country so they go @ WW..

I believe that some BBS's have @ COUNTRY set up in there FORWARDING files so a bulletin addressed in this way GOES to ONLY that Country..

EG @ USA, GBR,CANADA, etc..

Now I realise that this could be done but there is a need to have a set format for this to work..

What I am looking for is HOW YOU that have this in place deal with it and is it possible to do it so that it works for every country..

I can see a number of questions arising..

1/ You would need a set BBS in each country to handle @ COUNTRY mail

2/ Standardize the @ COUNTRY Field so for ease of use..
IF USA was used would this go to ALL @ USA ?

Objectives to decrease the amount of Bulletin traffic @ WW that is really only intended for that COUNTRY..

I can see no vaild reason to send a CQ Bulletin @ WW with a Title of CQ Black Wood NZ around the world when an @ NZL or ZL or NZ Country designator could be used..

These Bulletins pass through 50 BBS's all gathering in size each time and slowly a 600 byte message is 1.5 k by the time it hits its destination..

This takes up forwarding time making a backlog and also decreases the number of bulletins that can be forwarded due to size..

EG a 600 byte Bulletin ends up 1.5k at destination .. 2 more 600 k messages could have been sent instead of 900 bytes of headers etc..

I would like to see what other thinks and I don't want to insite flame mail I believe as SYSOPs we should be looking at this as a problem that is growing ...

73 Phillip ZL2TZE
zl2tze@mlb.planet.gen.nz

42. Wanted: NSCC Boards

From: Phillip Conza <zl2tze@mlb.planet.gen.nz>
Date: Tue, 16 Apr 1996 12:26:47 +1200 (NZST)
To: bbssig <bbssig@tapr.org>
Message-ID: <Pine.LNX.3.91.960416122259.24549A-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi All,

I am looking for any spare IK5NAX NSCC PCB's that have not been used. Or a spare builtup NSCC card.

I would like to obtain a couple of these if possible.

73 Phillip ZL2TZE
zl2tze@mlb.planet.gen.nz

43. TAPR.ORG Status

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 16 Apr 1996 19:38:19 -0500 (CDT)
To: tapr-bb@tapr.org (TAPR-BB mailing), aprssig@tapr.org (BBS SIG mailing),
netsig@tapr.org (NETSIG mailing), bbssig@tapr.org (BBS SIG mailing),

hfsig@tapr.org (HF SIG mailing), dsp-93@tapr.org (DSP-93 Build),
das@tapr.org (das), tapr-tnc@tapr.org (tapr-tnc)
Message-ID: <199604170038.TAA13797@tapr.org>
Rendered body type: text/plain

As your e-mail boxes show, TAPR.ORG is again connected to the net.
DataRace, our hosts, relocated their offices this weekend which caused the
system outage. While TAPR.ORG was only down for a short time, without the
connection to the service provider it was hard to service connections.

If you sent mail during the weekend, there is a good chance that your mail
provider held your message and sent it when our connection was
reestablished. If you don't see your e-mail then just send it again.

There will be some additional small outages during the week as the MIS folks
at DataRace clean up the connection and move wires around.

Thanks for everyone patients during this down time.

Cheers - Greg, WD5IVD

44. Re: [BBSSIG:2523] @ Fields and delivery of

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 17 Apr 1996 09:40:11 -0800
To: bbssig@tapr.org
Message-ID: <9604171642.AB03974@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 07:34 PM 4/16/96 -0500, you wrote:

>Hi,
> Please forgive me if this has been tossed around here before..
>
>I have for the last 4 years seen many 100s of CQ Bulletins sent @ WW when
>about half of them have had Titles CQ country ..
>
>These these bulletins are ONLY addressed @ WW for 1 reason (I believe)
>
>That is that there is NO set way to delivery these to that country so
>they go @ WW..

How about CQ @ OR.OR.USA.NOAM for example?

This will work exactly as expected: the bulletin will go to Oregon,
where it will be distributed to all BBS in Oregon.

>I believe that some BBS's have @ COUNTRY set up in there FORWARDING files
>so a bulletin addressed in this way GOES to ONLY that Country..
>
>EG @ USA, GBR,CANADA, etc..

As long as a distribution with the same name as the country name exists,
then this scheme will work just fine: SB CQ @ USA.USA.NOAM will do
what is wanted.

>1/ You would need a set BBS in each country to handle @ COUNTRY mail

Not needed. The existing routing scheme can be used to get the bulletin
where it is wanted, and existing distribution schemes will spread it to
all the systems it needs to get to.

>2/ Standardize the @ COUNTRY Field so for ease of use..
> IF USA was used would this go to ALL @ USA ?

We did this many years ago.

>Objectives to decrease the amount of Bulletin traffic @ WW that is really
>only intended for that COUNTRY..

Some of us enjoy reading the minor amount of WW traffic that gets through.
However, another objective might be to give users a means to reduce
the number of spurious replies. For example, I sometimes reply to a
"CQ Australia" just to say hello to the person calling CQ.

>I can see no vaild reason to send a CQ Bulletin @ WW with a Title of CQ
>Black Wood NZ around the world when an @ NZL or ZL or NZ Country designator
>could be used..

And it sure is simple to do it the way you suggest.

>These Bulletins pass through 50 BBS's all gathering in size each time and
>slowly a 600 byte message is 1.5 k by the time it hits its destination..

But who would ever care about a small amount of data like this?

>This takes up forwarding time making a backlog and also decreases the number
>of bulletins that can be forwarded due to size..

>From your comments, it sounds like the network around you needs to be
fixed, or upgraded. These are tiny amounts of data.

>EG a 600 byte Bulletin ends up 1.5k at destination .. 2 more 600 k
>messages could have been sent instead of 900 bytes of headers etc..
>

>I would like to see what other thinks and I don't want to insite flame mail
>I believe as SYSOPs we should be looking at this as a problem that is
>growing ...

We can accomplish what you suggest using capabilities and procedures
that are already in place.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

45. Re: [BBSSIG:2523] @ Fields and delivery of

From: Roy <garlic@garlic.com>
Date: Wed, 17 Apr 1996 07:52:35 -0700
To: bbssig@tapr.org
Message-ID: <317505B3.4487@garlic.com>
Rendered body type: text/plain

It doesn't matter what you put in the @ field. Someone will
change it to @WW.

Roy

46. Re: [BBSSIG:2527] Re: @ Fields and delivery of

From: Don Lewis <dlewis@cdsnet.net>
Date: Thu, 18 Apr 1996 02:00:42 +0000
To: bbssig@tapr.org
Message-ID: <3175A24A.7176@cdsnet.net>
Rendered body type: text/plain

Roy wrote:

>
> It doesn't matter what you put in the @ field. Someone will
> change it to @WW.
>
> Roy

...kinda like death and taxes. :)

--

```
  | |      )
  _' | |  -_) \ \ \ / | (-<
 \_ , | | \_ | \ / \ / | _/
    | | ki7ae@ki7ae.#seor.or.usa.noam
    | |mailto:dlewis@cdsnet.net
```

47. Re: @ Fields and delivery of bulletins

From: "Larry Kenney, WB9LOZ" <lkenney@slip.net>
Date: Thu, 18 Apr 1996 01:55:13 -0700
To: bbssig@tapr.org
Message-ID: <31760371.1E55@slip.net>
Rendered body type: text/plain

Phillip, ZL2TZE brought up the subject of bulletin distribution to a
specific country or location and mentioned, as an example, CQ messages
for a specific area, but sent @WW. He said:
>I would like to see what other thinks and I don't want to insite flame
>mail I believe as SYSOPs we should be looking at this as a problem that
>is growing ...

You won't get any flame mail from here, Phillip. I agree that it's a
growing problem, not because the network can't handle it, but because

it adds to the clutter on the BBS. It's getting very time consuming to look through all of the bulletins now, because there are so many of them. We've been averaging over 300 a day and there have been as many as 500. For a user to list all of them takes quite a while at 1200 baud.

If we can help to eliminate the clutter, we should. Hank, W0RLI, says:
> We can accomplish what you suggest using capabilities and procedures
> that are already in place.

I agree, but it would require sysops to add some distribution information to their forward files...and that's where we run into a problem. How do we get all of the sysops activated to do something like this?

A bulletin sent to CQ @ CA.CA.USA.NOAM wouldn't go anywhere if it got to my BBS. The BBSs here don't use CA for distribution and I bet most states don't use their state abbreviation for distribution. I doubt that the suggested SB CQ @ USA.USA.NOAM would get very far either.

For "area specific" distribution to work, we'd need to agree on some standards (oh no! There's that word again!) so that everyone would be able to work together under the same plan.

I use the FBB software (the old reliable 5.15c, not the new code) and as I understand it, personal messages, bulletins and NTS messages are all treated differently in the forward file. As far as I have been able to determine, a state abbreviation that's included for personal messages would not work for bulletins. For example, "H *.AZ.*" works great for forwarding personal messages to Arizona, but it would not forward a bulletin that was addressed @ AZ.AZ.USA.NOAM. I would need to add "G AZ" for that to happen. Am I correct here?

We need to think about all of the area designators that are needed. Here in the US, we'd need one for each state, plus one for each country as a minimum.

Let's see what the rest of you think about this. I think it's time to put Phillip's idea into practice.

73, Larry. WB9LOZ @ W6PW.#NOCAL.CA.USA.NOAM
lkenney@slip.net
San Francisco

48. Re: [BBSSIG:2526] Re: @ Fields and delivery of

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 18 Apr 1996 07:03:07 -0600
To: bbssig@tapr.org
Message-ID: <199604181303.HAA16620@acca.nmsu.edu>
Rendered body type: text/plain

At 04:23 PM 4/17/96 -0500, you wrote:
>At 07:34 PM 4/16/96 -0500, you wrote:
>
>>I would like to see what other thinks and I don't want to insite flame mail
>>I believe as SYSOPs we should be looking at this as a problem that is
>>growing ...
>
>
>We can accomplish what you suggest using capabilities and procedures
>that are already in place.

All right Hank, tell me what I need to do to my bbs to allow it to forward a cq message to ONLY bbs in New Mexico. In detail please.

If that is too hard please tell me what you did to make it work in Oregon.

73, karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

49. Re: [BBSSIG:2530] Re: @ Fields and delivery of

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Thu, 18 Apr 1996 11:29:17 -0800
To: bbssig@tapr.org
Message-ID: <9604181831.AA24919@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 08:07 AM 4/18/96 -0500, you wrote:
 >At 04:23 PM 4/17/96 -0500, you wrote:
 >>At 07:34 PM 4/16/96 -0500, you wrote:
 >>
 >>>I would like to see what other thinks and I don't want to insite flame mail
 >>>I believe as SYSOPs we should be looking at this as a problem that is
 >>>growing ...
 >>
 >>
 >>We can accomplish what you suggest using capabilities and procedures
 >>that are already in place.
 >
 > All right Hank, tell me what I need to do to my bbs to allow it to
 >forward a cq message to ONLY bbs in New Mexico. In detail please.
 >
 > If that is too hard please tell me what you did to make it work in
 >Oregon.

Totally simple. The distribution for all Oregon is "OR".
 Thus SP SYSOP @ OR or SB NETWORK @ OR for example is the normal
 way to send a bulletin to all bbs systems in Oregon (and border areas).

If you add a hierarchical location (SB USERS @ OR.OR.USA.NOAM)
 then the systems between you and me will forward to OR using
 the hierarchical location information (OR.USA.NOAM) in the usual
 manner, and we will distribute using the distribution designator
 (OR) in the usual manner.

Why did we choose "OR" for our distribution? Because it is the
 obvious choice, being the standard abbreviation of the state name.

We do support other distributions of course:
 PNW - Pacific NorthWest.
 PDX - Portland Metro.
 USW - US West.
 Plus a few others for specific local purposes.

So you could SB ALL @ PNW.OR.USA.NOAM from say Timbuctoo, and
 it would do exactly what the user wanted: move one copy of the
 bulletin to Oregon, and then distribute to the entire Pacific
 NorthWest.

We also support the REDIST server, and various mailing lists
 via various list servers. See the documentation that comes with
 the REDIST server and the list server you use for details of
 their operation. An example setup for the REDIST server is
 included in my documentation. There are several implementations
 of the REDIST server, presumably one or another of them would
 work with the bbs software you run.

Between hierarchical location information, the REDIST server,
 and the list servers one can set up darn near any combination
 of distribution schemes one might imagine.

How to do these things? Depends on the bbs software you run.
 For my software, it is spelled out in the documentation, with
 examples. For the other bbs software, you will need to contact
 the author if his documentation is not sufficient.

The newest version of my software (19.8 of the bbs) will appear
 at various ftp sites in the next few days. In particular, it
 will be on the TAPR site (probably first), the WA6RDH LL BBS
 and on COMPUSERVE.
 Other ftp sites and LL BBS systems as John and I have spare time
 to put it there.

This version comes with much better documentation (Microsoft WORD
 documents) which contain a good deal of the information you are
 looking for.

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

50. Re: [BBSSIG:2527] Re: @ Fields and delivery of

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Thu, 18 Apr 1996 11:20:53 -0800
To: bbssig@tapr.org
Message-ID: <9604181823.AB24663@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 06:05 PM 4/17/96 -0500, you wrote:
>It doesn't matter what you put in the @ field. Someone will
>change it to @WW.

AMEN!

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

51. BPQ via Ethernet Note...

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Date: Thu, 18 Apr 1996 19:26:21 -0500
To: bbssig@tapr.org
Message-ID: <199604190026.TAA24170@snoopy>
Rendered body type: text/plain

I noticed a neat "feature."

If I loaded IPXODI before ODIDRV, the switches would lock after a few minutes.

I have yet to try it with loading ODIDRV first before IPXODI, but I thought I would drop this note to all first...

Good luck!

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                      *
* WWW: http://acwww.bloomu.edu/~wlbarn                  *
* Packet   :  n3jix@n3jix.#lyc.pa.usa.noam              *
*****
```

52. Re: [BBSSIG:2531] Re: @ Fields and delivery of

From: Mike Fahmie <MPFahmie@lbl.gov>
Date: Thu, 18 Apr 1996 17:31:42 -0700
To: bbssig@tapr.org
Message-ID: <199604190033.RAA08470@mh1.lbl.gov>
Rendered body type: text/plain

At 02:50 PM 4/18/96 -0500, Hank wrote:

```
>>      All right Hank, tell me what I need to do to my bbs to allow it to
>>forward a cq message to ONLY bbs in New Mexico. In detail please.
>>
>>      If that is too hard please tell me what you did to make it work in
>>Oregon.
>
>>Totally simple.  The distribution for all Oregon is "OR".
>Thus  SP SYSOP @ OR or SB NETWORK @ OR for example is the normal
>way to send a bulletin to all bbs systems in Oregon (and border areas).
>
>If you add a hierarchical location (SB USERS @ OR.OR.USA.NOAM)
>then the systems between you and me will forward to OR using
>the hierarchical location information (OR.USA.NOAM) in the usual
>manner, and we will distribute using the distribution designator
>(OR) in the usual manner.
```

Have been thinking about how I might implement this scheme on an AA4RE system and there are a couple of things that should be dealt with.

Assume a message is being routed from the east coast to California and assume that intermediate stations are properly set up to handle them (a big assumption perhaps).

A snail trail is left since the intermediate bbs's do not automatically kill bulletins after forwarding them as they do P & T traffic. How does my bbs recognize which bulletins to kill and which to leave? I could instruct the WAKEUP file to schedule a "Kill Bulletin" command to occur every 10 minutes,

I could specify that it only kill FORWARDED bulletins that do not carry any of my regular flood designators (@ALLUS, @AMSAT, @WW,.....), but the list is long and it may not fit within the maximum command length.

Another way might be to look at the H_Addr. AA4RE maintains the @Flood and the H_Addr in separate fields so I could assume that a FORWARDED bulletin with ANYTHING in the H_Addr could be killed. The instruction to do this would be something like " KB & F & . =* ". (ROY, are you listening? Did I get it right?)

Once the bulletin arrives in CA land, what happens next?

The first CA bbs must recognize what is happening and translate the address into something that will distribute properly (this may not be necessary in RLI land, but is in many other areas). Since Hanks suggestion is that the address should read "CQ @CA.CA.USA.NOAM", the task is simple. Any bulletin that arrives with @CA should be changed to @ALLCA and the now superfluous H_Addr should be striped away. It appears that I can do this in the ACTION file with " Change_Adr B & @ CA => = @ALLCA NONE ". The bulletin should now distribute the same as any other ALLCA message (and carry the same >field that it arrived with).

CAUTION !!!

This is entirely speculative, I have not tested these instructions, nor have I verified that no other gremlins may come out of the woodwork to byte you, but it does seem likely that Hanks approach is workable on an AA4RE system

Anyone care to write a FBB, RLI, MSYS, ... version of my message, please do. If it appears that todays BBS software can handle it, then, on to the testing phase to see if theory will translate into results !

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

53. Re: [BBSSIG:2529] Re: @ Fields and delivery of bulletins

From: Phillip Conza <z12tze@mlb.planet.gen.nz>
Date: Fri, 19 Apr 1996 21:36:18 +1200 (NZST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960419205307.12775B-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi ,

As I introduced this into the SIG may I add the Following:

I did ask about Forwarding SB messages to a Country .

I have seen some replies and some give examples but these are State examples now if I am mistaken OR = Oregon and that is in Country USA.

What if the following is entered at a BBS in TEXAS USA :
SB CQ @ CHINA does this sit at this BBS with Unknown ROUTE ?

What I am saying, is it not time for US as SYSOPS to SAY STOP this
SB CQ @ WW
CQ CQ Australia CQ CQ etc...

Now if WE as SYSOP want this to STOP ! we have to either REJECT all CQ messages or implement a way to get these to that Country instead of on every BBS in the world..

I read some messages saying that the CQ messages are having there @ Feilds SWAPPED ... well.. introduce a M_FILTER to pick these up I use 1 and I find it gets all sorts AMSAT KEPS CQ etc etc..

We as SYSOPS provide a service and it is YOU and I that take the FLAK from users that say , " Why are all these CQ bulletins on the BBS when 1 in 30 are for here " etc you know what I mean..

It is now no good telling your users to take it or leave it,because they are liable to tell shove it and go else where, before long you have no users etc...

I believe that the USA BBS net work has in place a similar @ STATE designator that works well ??

For that to work well I take it that Most BBS's Have a LIST of STATES and what BBS forwards what..

I would like to be able from ZL send a SB message to INFO @ Canada and other parts of the world and know that the message will get there without Filling every BBS around the World.

As I see it this is what would be needed..
A BBS in NZL collecting these @ Country Bulletins and BBS's in others parts of the world that can either handle or ROUTE to @ COUNTRY..

I look forward to hearing from others with vaild comments..

PS No Flame Mail

73 Phillip ZL2TZE

54. Re: [BBSSIG:2535] Re: @ Fields and delivery of bulletins

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Fri, 19 Apr 1996 09:52:21 -0800
To: bbssig@tapr.org
Message-ID: <9604191654.AB29135@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 03:43 AM 4/19/96 -0500, you wrote:
>Hi ,
> As I introduced this into the SIG may I add the Following:
>
>I did ask about Forwarding SB messages to a Country .
>
>I have seen some replies and some give examples but these are State examples
>now if I am mistaken OR = Oregon and that is in Country USA.
>
>What if the following is entered at a BBS in TEXAS USA :
>SB CQ @ CHINA does this sit at this BBS with Unknown ROUTE ?

If there is no known routing for "CHINA" then of course it would just sit there. But that is what the user intended by NOT giving a hierarchical address for the bulletin ("Distribute to the locally-known distribution named "CHINA"). If the user wanted it to go somewhere else, then they need to apply a hierarchical address, or the sysop needs to set up that address for "CHINA".

>What I am saying, is it not time for US as SYSOPS to SAY STOP this
>SB CQ @ WW
> CQ CQ Australia CQ CQ etc...

Why? Why not FIX the problem, and educate the users.

>Now if WE as SYSOP want this to STOP ! we have to either REJECT all CQ
>messages or implement a way to get these to that Country instead of on
>every BBS in the world..

Right ... "Just throw them away, the users will really hate us then!"

>I read some messages saying that the CQ messages are having there @ Feilds
>SWAPPED ... well.. introduce a M_FILTER to pick these up I use 1 and I
>find it gets all sorts AMSAT KEPS CQ etc etc..

>We as SYSOPS provide a service and it is YOU and I that take the FLAK
>from users that say , " Why are all these CQ bulletins on the BBS when 1
>in 30 are for here " etc you know what I mean..

"Why are you reading things you are not interested in?"

>It is now no good telling your users to take it or leave it,because they
>are liable to tell shove it and go else where, before long you have no
>users etc...

I certainly see no such behavior from my users, and they have 20-30 other bbs systems they could use.

>I believe that the USA BBS net work has in place a similar @ STATE designator
>that works well ??

Yes. Country designators too, and also continents.
Sometimes even designators for regions.

>For that to work well I take it that Most BBS's Have a LIST of STATES and
>what BBS forwards what..

Yes. About 65 two character entries (we handle Canada of course).

>I would like to be able from ZL send a SB message to INFO @ Canada and
>other parts of the world and know that the message will get there without
>Filling every BBS around the World.

SB ALL @ CAN.CAN.NOAM

(Assuming "CAN" is the national distribution for Canada. I don't
know that it is.)

>As I see it this is what would be needed..
>A BBS in NZL collecting these @ Country Bulletins and BBS's in others
>parts of the world that can either handle or ROUTE to @ COUNTRY..

Try SB TEST @ USA.USA.NOAM

It will forward to some bbs in the USA, and that BBS will
begin the distribution "@ USA".

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

55. CQ Oregon

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Fri, 19 Apr 1996 16:08:26 -0600
To: bbssig@tapr.org
Message-ID: <199604192208.QAA24609@acca.nmsu.edu>
Rendered body type: text/plain

Hank, as usual you assume we sysop's are far smarter than we are. I
look at your flippent "use cq@or.or.usa.noam" as pure bunk. My bbs will
forward that to wb7tls who will get it closer to Oregon. Then when it gets
to Oregon a bbs will automatically change it to cq@or which is now a
bulletin that is flooded all over Oregon. No way!

Unless all bbs that are in Oregon have some "special" setup that
does that trick the mail will die.

For example I understand my bbs software. When cq@nm.nm.usa.na gets
to the k5di bbs it will send me the sysop a message. The meassage will say
"Unknown address" on message 1234565.

I get these all the time and usually can fix them. It takes a little
experiance but I have that. If I got cq@nm.nm.usa.na then I would change it
to cq@nm using a manual method.

But that will get to be a problem so a automatic method needs to be
found. Expect it will be a line in the control file that makes anything
anything else.

So Hank is it not correct to say this:

1. Every bbs in the world must be set up in a special way.
2. Every user must be trained to use the special method.

I think this is what your saying Hank, and I see no problem with it.
Lets get the sysops set up first so they don't have to use manual means to
do this, and then let's get with the users and tell them how to send a
directed cq to a country and states within it.

Since I use the old F6FBB version 5.15c I will see what works with
this software to handle your special mail. Others can do the AA4RE and of
course your stuff Hank. I think you said it was already built into your
software.

This will not be simple to do and I only see a lot of careful
messages sent out @WW to educate the world's users. But maybe a lot simpler
to train the guys in the USA and Canada. At least we speak the same
language...:)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

56. Re: [BBSSIG:2537] CQ Oregon

From: Larry Shotwell <pony@bright.net>
Date: Sat, 20 Apr 1996 00:50:15 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199604200450.AAA19557@brutus.bright.net>
Rendered body type: text/plain

FYI the system that Hank is stating (ie SB cq@or.or.usa.na) works just fine with MSYS systems with no modifications to the forward files. The H address for P mail is already there and the message gets routed based on that. When the message reaches its target area, MSYS ignores the H address and forwards based on the @or. I can't speak for other bbs systems but Msys sysops dont have to do a thing for this to work. LArRY

At 05:19 PM 4/19/96 -0500, you wrote:

> Hank, as usual you assume we sysop's are far smarter than we are. I
> look at your flippent "use cq@or.or.usa.noam" as pure bunk. My bbs will
> forward that to wb7tfs who will get it closer to Oregon. Then when it gets
> to Oregon a bbs will automatically change it to cq@or which is now a
> bulletin that is flooded all over Oregon. No way!

>
> Unless all bbs that are in Oregon have some "special" setup that
> does that trick the mail will die.

>
> For example I understand my bbs software. When cq@nm.nm.usa.na gets
> to the k5di bbs it will send me the sysop a message. The meassage will say
> "Unknown address" on message 1234565.

>
> I get these all the time and usually can fix them. It takes a little
> experiance but I have that. If I got cq@nm.nm.usa.na then I would change it
> to cq@nm using a manual method.

>
> But that will get to be a problem so a automatic method needs to be
> found. Expect it will be a line in the control file that makes anything
> anything else.

>
> So Hank is it not correct to say this:

>
> 1. Every bbs in the world must be set up in a special way.
> 2. Every user must be trained to use the special method.

>
> I think this is what your saying Hank, and I see no problem with it.
> Lets get the sysops set up first so they don't have to use manual means to
> do this, and then let's get with the users and tell them how to send a
> directed cq to a country and states within it.

>
> Since I use the old F6FBB version 5.15c I will see what works with
> this software to handle your special mail. Others can do the AA4RE and of
> course your stuff Hank. I think you said it was already built into your

57. Re: [BBSSIG:2538] Re: CQ Oregon

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

58. Re:[BBSSIG:2539] Re: CQ Oregon

Page 230

At 07:28 Uhr 20.04.1996, Brian A. Lantz wrote:

- * And ALL xNOS systems can handle this fine. So that makes W0RLI, MSYS, and
- * all xNOS. Hhhmmm, it FBB the only one that CAN'T handle this
- * LONG-STANDING way of sending long-haul bulletins?

Hm, and what happens at your systems if one of the bypassing bbs systems has, lets say @OR assigned as a flood distributor for its region? What I want to say is: is it only a side effect of a hierarchic routing table or do you really CUT the OR.USA.NOAM when reached Oregon, and do you discard the first field if the rest of the hierarchical address is NOT matching your own hierarchical path?

Whatever, I believe that system is much too complicate for the average user of a bbs, and who will set up all the necessary lists? Yes, the national flood designator for Germany is DL, and that one for Berlin and its surrounding is BB - cause we have two "laender", Berlin and Brandenburg. And you already knew that?

But if you didn't, how would you explain that to your local users?

I recently implemented the REDIST server ability in my soft, and, being the author, I was persuaded that this one is really easy to handle. The next day, I explained it to the sysop of the bbs here in Berlin, "too complicate" was his response. In fact, up to now it has never been used... And redist servers ARE really easy to handle...

So, let them call CQ@WW... who cares...

73 Joachim

--

Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

59. CQ New Mexico

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 20 Apr 1996 10:15:58 -0600
To: bbssig@tapr.org
Message-ID: <199604201615.KAA08363@acca.nmsu.edu>
Rendered body type: text/plain

I have read 2 messages that say MSYS has this feature already built in. And Brian says it's built into ALL Nos bbs systems. Well for all I know it is built into FBB too. I do not know if it is or not.

So someone please write a message with the address:

cq@nm.nm.usa.noam

and any title like test and just say this is for k5di to see if FBB works.

I will get back here with the results.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

60. Re: [BBSSIG:2539] Re: CQ Oregon

From: Phillip Conza <zl2tze@mlb.planet.gen.nz>
Date: Sun, 21 Apr 1996 08:46:11 +1200 (NZST)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960421081745.21234A-100000@shoppe.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi Again,

Well I have tried Hanks suggestion with FBB 5.15c with the end result.. (I used the full H-Address)

We do not have forward to OR. SYSOP will be advised .

Now to over come this FBB SYSOPS would need to rewrite there Forwarding files so that FBB knows where to send these messages..

As I see it FBB operators would also have to have an @ BBS to send these to in each country other wise we would end up with Undelivered MAIL

I use INCLUDE files for each of the BBS's I forward to and it would mean adding the following :
Pse correct me if I am wrong ..

```
# FWD Include for XXXXXX.OREGON.NOAM
#
B XXXXXX
F XXXXXX
B OREGON
F OREGON
#
G XXXXXX
G OREGON
#
```

FBB SYSOPS care to add more..

73 Phillip ZL2TZE

```
> On Sat, 20 Apr 1996, Larry Shotwell wrote:
>
> > FYI the system that Hank is stating (ie SB cq@or.or.usa.na) works just
> > fine with MSYS systems with no modifications to the forward files. The
> > H address for P mail is already there and the message gets routed based on
> > that. When the message reaches its target area, MSYS ignores the H address
> > and forwards based on the @or. I can't speak for other bbs systems but
> > Msys sysops dont have to do a thing for this to work. LARRY
>
> And ALL xNOS systems can handle this fine. So that makes W0RLI, MSYS, and
> all xNOS. Hhhmmm, it FBB the only one that CAN'T handle this
```

61. RE: [BBSSIG:2539] Re: CQ Oregon

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Date: Sat, 20 Apr 1996 16:21:08 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <960420162108.31416@ids.net>
Rendered body type: text/plain

And let's not forget to add AA4RE to that list as well...

Ed, K1BYV

62. Re: [BBSSIG:2541] CQ New Mexico

From: "Dean R. Madsen, KE0WO" <dmdadsen@iastate.edu>
Date: Sat, 20 Apr 1996 18:31:54 -0500
To: bbssig@tapr.org
Message-ID: <199604202331.SAA10793@mailhub.iastate.edu>
Rendered body type: text/plain

At 11:19 AM 4/20/96 -0500, you wrote:
> I have read 2 messages that say MSYS has this feature already built
> in. And Brian says it's built into ALL Nos bbs systems. Well for all I know
> it is built into FBB too. I do not know if it is or not.
>
> So someone please write a message with the address:
>
> cq@nm.nm.usa.noam
> and any title like test and just say this is for k5di to see if FBB works.
>

For it to work, there has to be a G NM line in every FBB system the message passes through (unless it is caught by a wildcard G *). If the FBB system doesn't have a route for it, the system will send the sysop a message informing him/her of that fact. I think the point Hank and Brian were trying to make was that FBB does not look at the h-route on bulletins (and traffic).

73,
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmdadsen@iastate.edu             Iowa State Univeristy        +
+      ke0wo@iastate.edu                     Ames, Iowa                +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA        FBB Beta tester          Cellist      +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                     +
+++++
```

63. Re: [BBSSIG:2544] Re: CQ New Mexico

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 20 Apr 1996 23:10:11 -0600
To: bbssig@tapr.org
Message-ID: <199604210510.XAA20300@acca.nmsu.edu>
Rendered body type: text/plain

At 06:34 PM 4/20/96 -0500, you wrote:
>At 11:19 AM 4/20/96 -0500, you wrote:
>> I have read 2 messages that say MSYS has this feature already built
>>in. And Brian says it's built into ALL Nos bbs systems. Well for all I know
>>it is built into FBB too. I do not know if it is or not.
>>
>> So someone please write a message with the address:
>>
>> cq@nm.nm.usa.noam
>>and any title like test and just say this is for k5di to see if FBB works.
>>
>
>For it to work, there has to be a G NM line in every FBB system the message
>passes through (unless it is caught by a wildcard G *). If the FBB system
>doesn't have a route for it, the system will send the sysop a message
>informing him/her of that fact. I think the point Hank and Brian were
>trying to make was that FBB does not look at the h-route on bulletins (and
>traffic).

Boy Dean, your wrong. FBB reads the h-route on EVERY message it receives and from it decides, using the forward files, what to do with it. If both Hank and Brian were trying to make that point I will be amazed and quit this whole thing.

>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

64. cq@nm.nm.usa.na

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 21 Apr 1996 06:07:14 -0600
To: bbssig@tapr.org
Message-ID: <199604211207.GAA23117@acca.nmsu.edu>
Rendered body type: text/plain

I was too tired when I answered Dean's assertion that FBB doesn't read the H-route information on a message. Of course FBB reads this and it also reads the ADDRESS of the message too. The H-route data has nothing to do with this application, I think. The address is the important part and I said I don't know what my FBB packet bbs will do with a message with the address cq@nm.nm.usa.na.

Now we can debate this thing forever. Or we can end the debate by running a simple test. Since no-one in this sig seems to be interested I am going to enter a message like the subject on a bbs in El Paso and see what happens. And I will enter one on my bbs and see what happens.

when I find out what happens I will put it out on packet @WW so others can begin to understand what this is about. I have 2 messages on my bbs now that have an address cq@scbbs. I will change them to cq@sc.sc.usa.na and they will start going the right direction. Out of my hair anyway.

And folks in this sig can continue to theorize about whether FBB reads H-route information...)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

65. Re: [BBSSIG:2546] cq@nm.nm.usa.na

From: Ronnie Hale <w0plw@ldd.net>
Date: Sun, 21 Apr 1996 09:41:35 -0500

To: bbssig@tapr.org
Message-ID: <1.5.4b12.32.19960421144135.006bbea4@lidd.net>
Rendered body type: text/plain

At 07:19 AM 4/21/96 -0500, you wrote:

> I was too tired when I answered Dean's assertion that FBB doesn't
> read the H-route information on a message. Of course FBB reads this and it
> also reads the ADDRESS of the message too. The H-route data has nothing to
> do with this application, I think. The address is the important part and I
> said I don't know what my FBB packet bbs will do with a message with the
> address cq@nm.nm.usa.na.

Karl,

I think you were too tired when you wrote this message too. I also think
you'll learn a lot more with your mouth shut and your mind open. Fact is,
Dean is right.

> Now we can debate this thing forever. Or we can end the debate by
> running a simple test. Since no-one in this sig seems to be interested I am
> going to enter a message like the subject on a bbs in El Paso and see what
> happens. And I will enter one on my bbs and see what happens.

This is not a debate. why don't you summon some logic, and write a bull
on your system to somewhere else, like test@mo.mo.usa.na, and if you really
want to prove the point, edit your fwd files so you don't have any "G *"
entries
so you depend only on your "*.hroute.*" entries.

> when I find out what happens I will put it out on packet @WW so
> others can begin to understand what this is about.

Just what the system needs... more mindless drivel. Why don't you
leave this up
to those who "understand what this is about".

> I have 2 messages on my
> bbs now that have an address cq@scbbs. I will change them to
cq@sc.sc.usa.na
> and they will start going the right direction. Out of my hair anyway.

What are you waiting for? This is a perfect opportunity to test your
argument.

>
> And folks in this sig can continue to theorize about whether FBB
> reads H-route information...:)
>

Yea, well... don't hurt yourself falling off the learning curve.

73,

Ronnie Hale - W0PLW
Cape Girardeau, MO.
internet: w0plw@lidd.net
packet: W0PLW @ W0PLW.#SEMO.MO.USA.NOAM

66. Re: [BBSSIG:2536] Re: @ Fields and delivery of bulletins

From: Steve Ashenfelter <n8xsf@ix.netcom.com>
Date: Sun, 21 Apr 1996 11:45:28 -0400
To: bbssig@tapr.org
Message-ID: <199604211542.IAA04524@dfw-ix2.ix.netcom.com>
Rendered body type: text/plain

>Try SB TEST @ USA.USA.NOAM
>
>It will forward to some bbs in the USA, and that BBS will
>begin the distribution "@ USA".
>
>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

I have done this Hank. Now lets see if you receive it. It went right out on
my "at home" BBS to my remote BBS (W8HHF). I am using F6FBB 5.15c.

Steve Ashenfelter
N8XSF@N8XSF.#NWOH.OH.USA.NA
n8xsf@ix.netcom.com

67. Re: [BBSSIG:2546] cq@nm.nm.usa.na

From: Sid Ashen-Brenner <sashen@midusa.net>
Date: Sun, 21 Apr 1996 10:56:34 -0500
To: bbssig@tapr.org
Message-ID: <199604211556.KAA07941@services.midusa.net>
Rendered body type: text/plain

At 07:19 AM 4/21/96 -0500, you wrote:

> I was too tired when I answered Dean's assertion that FBB doesn't
> read the H-route information on a message. Of course FBB reads this and it
> also reads the ADDRESS of the message too. The H-route data has nothing to
> do with this application, I think. The address is the important part and I
> said I don't know what my FBB packet bbs will do with a message with the
> address cq@nm.nm.usa.na.
>
> Now we can debate this thing forever. Or we can end the debate by
> running a simple test. Since no-one in this sig seems to be interested I am
> going to enter a message like the subject on a bbs in El Paso and see what
> happens. And I will enter one on my bbs and see what happens.

Oops.

Looks like I goofed. I sent a CQ @ NM.NM.USA.NOAM message from MY BBS, but forgot to tell the world about it. shame on me.

>From THIS F6FBB Version 5.15c BBS, I had to force the message outbound, since it didn't seem to know what to do with a Routed Bulletin. At this point in time, I have not heard back from my forwarding partners, so I don't know if they were able to pass it on without Sysop intervention or not.

* * * * *

Sid Ashen-Brenner sashen@midusa.net n0obm@n0obm.#ncks.ks.usa.noam
Salina Regional Health Center Maintenance Electronic's
Salina, Kansas 67401 Fidonet 1:295/6 913-823-9311 Salina Packet
Systems

68. Re: [BBSSIG:2544] Re: CQ New Mexico

From: Steve Ashenfelter <n8xsf@ix.netcom.com>
Date: Sun, 21 Apr 1996 11:59:32 -0400
To: bbssig@tapr.org
Message-ID: <199604211556.IAA04980@dfw-ix2.ix.netcom.com>
Rendered body type: text/plain

But would this not cause the SysOp to add it to his files? If he/she ignores it and lets it sit on the BBS or just kills it, then he/she should pass the buck and let someone else run the BBS or shut it down. That would just be plain lazyness. What would be so hard to add a G line with all 50 state postal codes? or possibly the G *. I am going to try this out to see if it works.

Steve N8XSF

At 06:34 PM 4/20/96 -0500, you wrote:

>At 11:19 AM 4/20/96 -0500, you wrote:
>> I have read 2 messages that say MSYS has this feature already built
>>in. And Brian says it's built into ALL Nos bbs systems. Well for all I know
>>it is built into FBB too. I do not know if it is or not.
>>
>> So someone please write a message with the address:
>>
>> cq@nm.nm.usa.noam
>>and any title like test and just say this is for k5di to see if FBB works.
>>
>
>For it to work, there has to be a G NM line in every FBB system the message
>passes through (unless it is caught by a wildcard G *). If the FBB system
>doesn't have a route for it, the system will send the sysop a message
>informing him/her of that fact. I think the point Hank and Brian were
>trying to make was that FBB does not look at the h-route on bulletins (and
>traffic).
>
>73,
>Dean - KE0WO

69. Re: [BBSSIG:2547] Re: cq@nm.nm.usa.na

From: Steve Ashenfelter <n8xsf@ix.netcom.com>
Date: Sun, 21 Apr 1996 12:02:34 -0400
To: bbssig@tapr.org

Message-ID: <199604211559.IAA05091@dfw-ix2.ix.netcom.com>
Rendered body type: text/plain

Next time take a deep breath and exhale before replying to a message.

Steve N8XSF

At 09:51 AM 4/21/96 -0500, you wrote:
>At 07:19 AM 4/21/96 -0500, you wrote:
>> I was too tired when I answered Dean's assertion that FBB doesn't
>>read the H-route information on a message. Of course FBB reads this and it
>>also reads the ADDRESS of the message too. The H-route data has nothing to
>>do with this application, I think. The address is the important part and I
>>said I don't know what my FBB packet bbs will do with a message with the
>>address cq@nm.nm.usa.na.
>
>Karl,
> I think you were too tired when you wrote this message too. I also think
>you'll learn a lot more with your mouth shut and your mind open. Fact is,
>Dean is right.
>
>> Now we can debate this thing forever. Or we can end the debate by
>>running a simple test. Since no-one in this sig seems to be interested I am
>>going to enter a message like the subject on a bbs in El Paso and see what
>>happens. And I will enter one on my bbs and see what happens.
>
> This is not a debate. why don't you summon some logic, and write a bull
>on your system to somewhere else, like test@mo.mo.usa.na, and if you really
>want to prove the point, edit your fwd files so you don't have any "G *"
>entries
>so you depend only on your "*.hroute.*" entries.
>
>> when I find out what happens I will put it out on packet @WW so
>>others can begin to understand what this is about.
>
> Just what the system needs... more mindless drivel. Why don't you
>leave this up
>to those who "understand what this is about".
>
>> I have 2 messages on my
>>bbs now that have an address cq@scbbs. I will change them to
>cq@sc.sc.usa.na
>>and they will start going the right direction. Out of my hair anyway.
>
> What are you waiting for? This is a perfect opportunity to test your
>argument.
>>
>> And folks in this sig can continue to theorize about whether FBB
>>reads H-route information...:)
>>
> Yea, well... don't hurt yourself falling off the learning curve.
>
>73,
>
>Ronnie Hale - W0PLW
>Cape Girardeau, MO.
>internet: w0plw@ldd.net
>packet: W0PLW @ W0PLW.#SEM0.MO.USA.NOAM
>
>
>

70. Re: [BBSSIG:2547] Re: cq@nm.nm.usa.na

From: Charles Brabham <n5pvl@texoma.com>
Date: Sun, 21 Apr 1996 11:11:48 -0500
To: bbssig@tapr.org
Message-ID: <199604211611.LAA05637@mercury.texoma.com>
Rendered body type: text/plain

At 09:51 AM 4/21/96 -0500, Ronnie wrote:

>Karl,
> I think you were too tired when you wrote this message too. I also think
>you'll learn a lot more with your mouth shut and your mind open. Fact is,
>Dean is right.
>
>> Now we can debate this thing forever. Or we can end the debate by
>>running a simple test. Since no-one in this sig seems to be interested I am
>>going to enter a message like the subject on a bbs in El Paso and see what

```
>>happens. And I will enter one on my bbs and see what happens.
>
> This is not a debate. why don't you summon some logic, and write a bull
>on your system to somewhere else, like test@mo.mo.usa.na, and if you really
>want to prove the point, edit your fwd files so you don't have any "G *"
>entries
>so you depend only on your "*.hroute.*" entries.
>
>> when I find out what happens I will put it out on packet @WW so
>>others can begin to understand what this is about.
>
> Just what the system needs... more mindless drivell. Why don't you
>leave this up
>to those who "understand what this is about".
>nt.
>>
>> And folks in this sig can continue to theorize about whether FBB
>>reads H-route information...:)
>>
> Yea, well... don't hurt yourself falling off the learning curve.

I find myself offended by the tone of your posting, Ronnie. Karl is no
genius, but he's no dummy either. He's made a lot of good contributions to a
number of discussions on these SIGS, and I don't remember you contributing
much of anything. Maybe you did; If so, it wasn't very memorable.

The part I find really offensive is that you are moving in on my territory.
Every group has one guy who insults everyone's intelligence, and gives them
a harder time than they really deserve. - I'm that guy.

So back off.

;-)
```

```
----- 73 DE Charles N5PVL -----
E-Mail: n5pvl@texoma.com
Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM
Page: http://www.texoma.com/~n5pvl
-----
```

71. Re: [BBSSIG:2548] Re: @ Fields and delivery of bulletins

```
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 21 Apr 1996 11:22:02 -0600
To: bbssig@tapr.org
Message-ID: <199604211722.LAA26252@acca.nmsu.edu>
Rendered body type: text/plain

At 10:52 AM 4/21/96 -0500, you wrote:
>
>>Try SB TEST @ USA.USA.NOAM
>>
>>It will forward to some bbs in the USA, and that BBS will
>>begin the distribution "@ USA".
>>
>>
>>Hank Oredson @ Mentor Graphics Library Operations
>>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>
>
>I have done this Hank. Now lets see if you receive it. It went right out on
>my "at home" BBS to my remote BBS (W8HHF). I am using F6FBB 5.15c.
>
>Steve Ashenfelter
>N8XSF@N8XSF.#NWOH.OH.USA.NA
>n8xsf@ix.netcom.com
>

Interesting Steve. I wrote a message with the address
cq@nm.nm.usa.na on my own fbb 5.15c and it converted the message immediately
to cq@nm. It then went to all the bbs in New Mexico because we use @nm as
our local bulletin address.

And since you put this nice message out I have decided to keep
getting this sig. The previous sig message explained how stupid I am and I
don't need that. As usual the writer was just proving what I expected. He
doesn't know what he is talking about.

73, karl k5di
```

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

72. Re: [BBSSIG:2549] Re: cq@nm.nm.usa.na

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 21 Apr 1996 15:33:19 -0600
To: bbssig@tapr.org
Message-ID: <199604212133.PAA29705@acca.nmsu.edu>
Rendered body type: text/plain

At 11:12 AM 4/21/96 -0500, you wrote:
>At 07:19 AM 4/21/96 -0500, you wrote:
>>appens. And I will enter one on my bbs and see what happens.
>
>Oops.
>Looks like I goofed. I sent a CQ @ NM.NM.USA.NOAM message from MY BBS, but
>forgot to tell the world about it. shame on me.
>
No you didn't goof. I look for the arrival of your message Sid. I
think from Kansas your message may enter New Mexico at Farmington. That bbs
is using the AA4RE software so not sure what will happen. But will see in a
day or two. Thanks!

>>From THIS F6FBB Version 5.15c BBS, I had to force the message outbound,
>since it didn't seem to know what to do with a Routed Bulletin.

Interesting Sid. The same thing happened on my FBB 5.15c when I
entered a message that I think looks like mail,ie: cq@nm.nm.usa.na but FBB
required me to approve the message as a bulletin,ie: I had to type 're' and
then approve of a bulletin with address cq@nm. So it looks like Hank, W0RLI
knows something I don't.

At this
>point in time, I have not heard back from my forwarding partners, so I don't
>know if they were able to pass it on without Sysop intervention or not.

If you hear any feedback Sid please pass it along. I don't think you
will.

73, karl

>
>* * * * *
>* * *
>Sid Ashen-Brenner sashen@midusa.net n0obm@n0obm.#ncks.ks.usa.noam
>Salina Regional Health Center Maintenance Electronic's
>Salina, Kansas 67401 Fidonet 1:295/6 913-823-9311 Salina Packet
>Systems
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

73. Re: [BBSSIG:2549] Re: cq@nm.nm.usa.na

From: Jim Tanis <jimtanis@ink.org>
Date: Sun, 21 Apr 1996 18:33:49 +0000
To: bbssig@tapr.org
Message-ID: <317A7F8D.338D@ink.org>
Rendered body type: text/plain

Sid Ashen-Brenner wrote:

```
> Looks like I goofed. I sent a CQ @ NM.NM.USA.NOAM message from MY BBS, but
> forgot to tell the world about it.  shame on me.
>
> From THIS F6FBB Version 5.15c BBS, I had to force the message outbound,
> since it didn't seem to know what to do with a Routed Bulletin.  At this
> point in time, I have not heard back from my forwarding partners, so I don't
> know if they were able to pass it on without Sysop intervention or not.
>
> * * * * *
> * * *
> Sid Ashen-Brenner  sashen@midusa.net  n0obm@n0obm.#ncks.ks.usa.noam
> Salina Regional Health Center  Maintenance Electronic's
> Salina, Kansas  67401  Fidonet 1:295/6  913-823-9311 Salina Packet
> Systems
```

Hi Sid. It didnt make it here yet.

Jim

PS: There is only 1 BBS between us.

--

Faster and faster until the thrill of speed overcomes the fear of death!

Jim Tanis (Yahoo!)

812 Morgan Ave

-. -.- 0

Downs, Ks 67437

_____-./ \,

NX0R @ NX0R.#NCKS.KS.USA.NOAM

-|~(*)

Internet jimtanis@ink.org

::::::::::: (*)

--... --

:::::::::::.....

74. DPBOX/TNT: a brief overview

From: h0187akk@rz.hu-berlin.de (Joachim Schurig)

Date: Mon, 22 Apr 1996 15:29:41 +0100

To: bbssig@tapr.org

Message-ID: <v01540a01ada146e57c8c@[141.20.199.46]>

Rendered body type: text/plain

Hi,

according to the request of Barry Buelow, here comes a short readme.txt describing the dptnt package:

Information about archive dptnt_140496.tgz

Berlin, 14.4.96

1. What is dptnt?

dptnt is a packet radio AX25 package running under LINUX with no special requirements to kernel or setup. It is NOT another tcp/ip package.

The archive contains the programs:

```
TNT           : A hostmode terminal program for packet radio
DPBOX         : A full featured BBS
TFKISS        : A TNC-Firmware-Emulator with a KISS and AX/IP interface
BOXSTART      : A 'watchdog' and program starter
DPBOXT        : A standalone console for BBS operator (DPBOXTerminal)
```

In addition, HDPARM is included, because of receiver overruns on the serial line with the actual LINUX-kernels. More details can be found in the README of TNT.

Out of these programs you can create a configuration which fits to your needs. You can set up a personal mail system, a powerful packet radio terminal for your own needs or a full featured public bbs.

2. Some features

terminal part:

- Virtual screens for every connection
- connect scripts
- shell, run and socket interfaces
- AutoBIN protocol for file transfer

- forcing bbs to start forward if own call found in a mail beacon (to gather your own private mails)

bbs part:

- F6FBB-, W0RLI-, TheBox- style forward protocols implemented
- 8-bit transparency of messages using AutoBIN protocol (no 7plus needed)
- BBS-data online compressed to save space on disk, forward and download
- BBS can be filled by monitoring the frequency (useful for private usage)
- PACSAT style bulletin broadcast transmitter and receiver
- up to 200 simultaneous users

both:

- fast, reliable, economic

3. Connectivity

With the current package, you are free to connect an unlimited number of the following devices to the system:

- TNC2 / TNC3 in wa8ded-hostmode
- any KISS device, this includes:
 - almost every TNC of any vendor
 - rmnc digipeaters
 - PC/Flexnet digipeaters
 - wampes tcp systems (SMACK KISS)
 - any redirectable KISS port on your Unix machine
- AX/IP to connect via any IP connection

4. Status

The development is ongoing, the archive is a snapshot of the current status. The documentation now is complete.

With this release we want to give an easy access for everybody being interested in the software. TNT and DPBOX is currently running in 8 BBSs of the german BBS network, and we received a lot of requests for a general release.

TNT and DPBOX are under the GNU public license, TFKISS under ALAS, which is a german license for HAM RADIO software. For these programs, the source is included.

DPBOX can be freely distributed for HAM RADIO use, but the source is not available, commercial or citizen band usage is prohibited.

5. Archive files

boxstart.tgz	: boxstart binary, source and documentation
dpbox417.tgz	: dpbox binary, configuration and documentation
dpboxsrc.tgz	: dpboxt source
hdparm	: hdparm binary
hdparm-2.2.tar.gz	: hdparm source and documentation
tfkiss_960406.tgz	: tfkiss source, configuration and documentation
tntbins_070496.tgz	: binaries of tnt, tfkiss and dpboxt
tntsrc091.tgz	: tnt source, documentation and configuration

6. Contact

Author of dpbox:	
Joachim Schurig, DL8HBS	DL8HBS @ DB0GR.#BLN.DEU.EU h0187akk@rz.hu-berlin.de

Author of tnt, dpboxt, tfkiss and boxstart and Co-Author/porting of dpbox:	
Mark Wahl, DL4YBG	DL4YBG @ DB0GR.#BLN.DEU.EU wahlm@berlin.snafu.de wahlm@zelator.berlinet.de

7. Availability

The dptnt_140496.tgz archive currently is available on the following ftp servers:

ftp://ftp.funet.fi/pub/ham/unix/packet/dptnt/
ftp://ftp.tapr.org/pub/tapr/software_lib/Linux/
ftp://ftp.ucsd.edu/hamradio/packet/tcpip/incoming/

In the given directory you find the files dptnt_140496.tgz and
dptnt_140496.txt (this text).

These are the developers home pages. Newest versions are available here
and documentation can be read online.

http://www.snafu.de/~wahlm/ (homepage dl4ybg)
http://hppool0.rz.hu-berlin.de/~h0187akk/ (homepage dl8hbs)

73, Mark, DL4YBG, Joachim, DL8HBS

--
Joachim Schurig
h0187akk@rz.hu-berlin.de (email)
DL8HBS@DB0GR.#BLN.DEU.EU (ham radio)

75. Re: [BBSSIG:2554] Re: cq@nm.nm.usa.na

From: "James R. Brooks" <jbrooks@midusa.net>
Date: Mon, 22 Apr 1996 14:54:00 +0100
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19960422135400.006713e4@midusa.net>
Rendered body type: text/plain

At 04:34 PM 4/21/96 -0500, you wrote:
>At 11:12 AM 4/21/96 -0500, you wrote:
>>At 07:19 AM 4/21/96 -0500, you wrote:
>>>appens. And I will enter one on my bbs and see what happens.
>>
>>Oops.
>>Looks like I goofed. I sent a CQ @ NM.NM.USA.NOAM message from MY BBS, but
>>forgot to tell the world about it. shame on me.
>>
> No you didn't goof. I look for the arrival of your message Sid. I
>think from Kansas your message may enter New Mexico at Farmington. That bbs
>is using the AA4RE software so not sure what will happen. But will see in a
>day or two. Thanks!
>
>
>
>>>From THIS F6FBB Version 5.15c BBS, I had to force the message outbound,
>>>since it didn't seem to know what to do with a Routed Bulletin.
>
> Interesting Sid. The same thing happened on my FBB 5.15c when I
>entered a message that I think looks like mail,ie: cq@nm.nm.usa.na but FBB
>required me to approve the message as a bulletin,ie: I had to type 're' and
>then approve of a bulletin with address cq@nm. So it looks like Hank, W0RLI
>knows something I don't.
>
>
>

Another one from Kansas headed your way, Karl.

I had to fiddle with the forward file in my WinFBB system to get it to go:
adding a
"G NM*" to the forward file of the station next in line. So it appears that
when it comes to bulletins, FBB systems do not utilize anything but the "G"
group for forwarding bulletins. Those along the path between here and there
will need to do the same for the message to reach New Mexico (or else
manually force it).

Jim Brooks jbrooks@midusa.net
Hays, KS K0JJV@K0JJV.#NWKS.KS.USA.NOAM

76. Re: [BBSSIG:2537] CQ Oregon

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 22 Apr 1996 10:05:23 -0800
To: bbssig@tapr.org
Message-ID: <9604221707.AA04251@em-wv03.wv.mentorg.com>

Rendered body type: text/plain

At 05:19 PM 4/19/96 -0500, you wrote:

> Hank, as usual you assume we sysop's are far smarter than we are. I
> look at your flippent "use cq@or.or.usa.noam" as pure bunk. My bbs will
> forward that to wb7tls who will get it closer to Oregon. Then when it gets
> to Oregon a bbs will automatically change it to cq@or which is now a
> bulletin that is flooded all over Oregon. No way!

Yes, you have understood how it works.

> Unless all bbs that are in Oregon have some "special" setup that
> does that trick the mail will die.

The "special setup" is the NORMAL setup which handles ANY message
addressed "or.usa.noam".

> For example I understand my bbs software. When cq@nm.nm.usa.na gets
> to the k5di bbs it will send me the sysop a message. The message will say
> "Unknown address" on message 1234565.

Perhaps you need to fix your setup.
We have systems using MSYS, JNOS, RLI, FBB, 4RE.
ALL the above can handles these messages just fine.

> I get these all the time and usually can fix them. It takes a little
> experience but I have that. If I got cq@nm.nm.usa.na then I would change it
> to cq@nm using a manual method.

Would it not be better to "fix" your system, rather than changing
the address on the message?

> But that will get to be a problem so a automatic method needs to be
> found. Expect it will be a line in the control file that makes anything
> anything else.

No, it is not.

> So Hank is it not correct to say this:
>
> 1. Every bbs in the world must be set up in a special way.

Yes, exactly the same situation we have now.

> 2. Every user must be trained to use the special method.

Yes, exactly the same situation we have now.

> I think this is what your saying Hank, and I see no problem with it.
> Lets get the sysops set up first so they don't have to use manual means to
> do this, and then let's get with the users and tell them how to send a
> directed cq to a country and states within it.

Perhaps the sysops could agree on some standards, and publish
those standards.

> Since I use the old F6FBB version 5.15c I will see what works with
> this software to handle your special mail. Others can do the AA4RE and of
> course your stuff Hank. I think you said it was already built into your
> software.

"Special"? What is "special" about a hierarchical location of
"or.usa.noam" ? Bunch of us have been using it for 6-7 years now.

> This will not be simple to do and I only see a lot of careful
> messages sent out @WW to educate the world's users. But maybe a lot simpler
> to train the guys in the USA and Canada. At least we speak the same
> language...:)

Ah, now I see. You are lazy, and don't want to be bothered to
figure out how to make the software you run work properly.
Maybe someone will figure it out for you and publish that information here.

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

77. Re: [BBSSIG:2539] Re: CQ Oregon

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 22 Apr 1996 10:05:26 -0800
To: bbssig@tapr.org
Message-ID: <9604221707.AB04251@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 07:28 AM 4/20/96 -0500, you wrote:
>On Sat, 20 Apr 1996, Larry Shotwell wrote:
>
>> FYI the system that Hank is stating (ie SB cq@or.or.usa.na) works just
>> fine with MSYS systems with no modifications to the forward files. The
>> H address for P mail is already there and the message gets routed based on
>> that. When the message reaches its target area, MSYS ignores the H address
>> and forwards based on the @or. I can't speak for other bbs systems but
>> Msys sysops dont have to do a thing for this to work. Larry
>
>And ALL xNOS systems can handle this fine. So that makes W0RLI, MSYS, and
>all xNOS. Hhhmmm, it FBB the only one that CAN'T handle this
>LONG-STANDING way of sending long-haul bulletins?

No, FBB handles it fine. We have some FBB systems here in the PNW,
and they are handling it "as we speak." AA4RE also handles it.

Perhaps it is a "sysop problem" and not a "software problem."

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

78. Re: [BBSSIG:2540] Re:Re: CQ Oregon

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 22 Apr 1996 10:05:27 -0800
To: bbssig@tapr.org
Message-ID: <9604221708.AB04251@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 10:21 AM 4/20/96 -0500, you wrote:
>At 07:28 Uhr 20.04.1996, Brian A. Lantz wrote:
>
> * And ALL xNOS systems can handle this fine. So that makes W0RLI, MSYS, and
> * all xNOS. Hhhmmm, it FBB the only one that CAN'T handle this
> * LONG-STANDING way of sending long-haul bulletins?
>
>Hm, and what happens at your systems if one of the bypassing bbs systems
>has, lets say @OR assigned as a flood distributor for its region? What I
>want to say is: is it only a side effect of a hierarchic routing table or
>do you really CUT the OR.USA.NOAM when reached Oregon, and do you discard
>the first field if the rest of the hierarchical address is NOT matching
>your own hierarchical path?

Now you hit the crux of the matter. We *NEED SOME STANDARDS".
Of course some other part of the country might choose "OR" or "WA"
as a flood designator, because there is no way to "reserve" such
designators for specific use. Same is true for "USA" or "CAN".

>Whatever, I believe that system is much too complicate for the average user
>of a bbs, and who will set up all the necessary lists? Yes, the national
>flood designator for Germany is DL, and that one for Berlin and its
>surrounding is BB - cause we have two "laender", Berlin and Brandenburg.
>And you already knew that?

"Set up lists"? There are no lists to set up.

>But if you didn't, how would you explain that to your local users?

>
>I recently implemented the REDIST server ability in my soft, and, being the
>author, I was persuaded that this one is really easy to handle. The next
>day, I explained it to the sysop of the bbs here in Berlin, "too
>complicate" was his response. In fact, up to now it has never been used...
>And redist servers ARE really easy to handle...

If you can explain REDIST to your users, they will have NO trouble
understanding the much simpler system we are discussing !!!

>So, let them call CQ@WW... who cares...

I do. Let's try and provide BETTER service for our users.

>

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM

79. Re: [BBSSIG:2540] Re: CQ Oregon (AA4RE)

From: Mike Fahmie <MPFahmie@lbl.gov>
Date: Mon, 22 Apr 1996 10:27:40 -0700
To: bbssig@tapr.org
Message-ID: <199604221729.KAA13247@mh1.lbl.gov>
Rendered body type: text/plain

This posting concerns CQ@ØR in an AA4RE system.

I have tested the instructions that I outlined in my previous posting (BBSSIG:2534), and found them to work nicely. The modifications required NO CHANGES to my routing tables, if your tables can properly route P traffic on its H_Addr, then it will route CQ @ ØR.ØR.USA.NOAM as well.

The previous posting detailed two instructions that would;

1.) kill the bulletin after it was forwarded unless it belonged in your region.

2.) Change the @flood to that which is in common use in your area if the bulletin had reached it's destination region.

These messages should pass through toward their hierarchial destinations even if these two instructions are absent, instruction #2 may be required at the end of the line if the locally used flood is not the same as that used in the address.

Joachim Schurig wrote;

>

>Hm, and what happens at your systems if one of the bypassing bbs systems
>has, lets say @ØR assigned as a flood distributor for its region?

>

There is a weakness here!

If a CQ GREECE message arrives addressed to CQ @ GRC.GRC.EURO, the first ROUTE scan will look for the first word in the @field, GRC. What if the "Gilroy Radio Club" has a local distribution of GRC? Yes, the bulletin will be distributed locally instead of being forwarded hierarchically.

Granted, this is a contrived situation and such situations will be rare, but it demonstrates the weakness and the sysop should be aware of it.

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

80. Re: [BBSSIG:2548] Re: @ Fields and delivery of bulletins

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 22 Apr 1996 11:39:19 -0800
To: bbssig@tapr.org
Message-ID: <9604221841.AB10091@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 10:52 AM 4/21/96 -0500, you wrote:

>

>>Try SB TEST @ USA.USA.NOAM

>>

>>It will forward to some bbs in the USA, and that BBS will
>>begin the distribution "@ USA".

>>

>>

>>Hank Oredson @ Mentor Graphics Library Operations
>>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>>Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM

>

>

>I have done this Hank. Now lets see if you receive it. It went right out on
>my "at home" BBS to my remote BBS (W8HHF). I am using F6FBB 5.15c.

Won't work very well, since you are already "in" USA ... so you cannot forward "to" USA.

How about trying:

SB TEST @ OR.WORLI.OR.USA.NOAM
and
SB TEST @ OR.OR.USA.NOAM

That bulletin should reach my system, where it will be distributed
to all BBS in Oregon. If it does, I can tell this group that it worked.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WORLI@WORLI.OR.USA.NOAM

81. FBB forwarding, G line and H lines, etc

From: "Dean R. Madsen, KE0W0" <dmadsen@iastate.edu>
Date: Mon, 22 Apr 1996 16:50:23 -0500
To: bbssig@tapr.org
Cc: f6fbb-list@phx-az.com
Message-ID: <199604222150.QAA25074@mailhub.iastate.edu>
Rendered body type: text/plain

Hi All,

This is mainly for FBB sysops, so those on the BBSSIG that have no interest
in the operations of FBB, please ignore....

I have been trying to follow the discussion/flaming on BBSSIG, but I had a
crash and lost about 20 messages, so I am not sure if this info has been
posted before.

The FBB forwarding file consists mainly of lines beginning with H, B, G, Z,
and F.

The Z lines are the only lines that affect "T" type messages and only affect
"T" messages. They look at the "To" field and route traffic by zip code.

The G lines are the primary forwarding file statement that will affect "B"
type messages matching the @BBS field of a "B" type message. A G *
statement will match every @BBS field in a B type message.

The F lines are use for routing based on the "To" field. A "G" or "B"
forwarding statement should precede the F line.

B lines look at the @BBS of personal messages and are used when something
can not be routed by the hroute (H lines in the forward file). Since
KE0W0.#WIA.IA.USA.NA and K0CNM.#WIA.IA.USA.NA are both in #WIA, I have to
have a line of
B K0CNM
to get mail @K0CNM.XXXXX.XXX... to forward to Jack's system.

The H lines handle the h-route components of personal messages only. This
is the type of line the personal message forwarding relies on the most. I
ran a test with WinFBB 7.00b1 trying to send a "B" type message to TEST @
CAN.CAN.NA. I added a H *.CAN.* line to a particular BBS that I do not have
a G * line. The results were that the test message showed up in the "queue"
for the stations that had a G *, but did not show in the queue of the
station I added the H *.CAN.* line.

This then means you have to have a G line in you forward files to handle
every state/country that a "B" type message may be destine for....

Attached (I hope) is a .ZIP file containing forward files for each state.
You simply unzip the file to the \FBB\SYSTEM\FWD directory, then you can
add < FWD/XX (where XX is the state abbrev.) lines to the various stations
in you forward file to send them messages by state. This should cover P, B,
and T type messages...

73,
Dean - KE0W0

CC: f6fbb-list@phx-az.com

(The attached file originally came as STATES14.ZIP written by someone else.
I then added the G statements to handle bulletins for the particular states
as well. There may be typos and other errors, but you should be able to
fix that without much trouble. This collection of forward "include" files
is not complete. We still need G statements for every 3-letter country
identifiers as well as G statements for forwarding continent targeted messages.)
[Attachment: STATES15.ZIP; application/zip; 8,655 bytes]

82. Re: [BBSSIG:2555] Re: cq@nm.nm.usa.na

From: Sid Ashen-Brenner <sashen@midusa.net>
Date: Mon, 22 Apr 1996 17:41:44 -0500
To: bbssig@tapr.org
Message-ID: <199604222241.RAA28802@services.midusa.net>
Rendered body type: text/plain

At 11:17 PM 4/21/96 -0500, you wrote:

```
>>  
>> From THIS F6FBB Version 5.15c BBS, I had to force the message outbound,  
>> since it didn't seem to know what to do with a Routed Bulletin. At this  
>> point in time, I have not heard back from my forwarding partners, so I don't  
>> know if they were able to pass it on without Sysop intervention or not.  
>  
>Hi Sid. It didnt make it here yet.  
>  
>Jim  
>PS: There is only 1 BBS between us.
```

Also running FBB 5.15c. I talked to him last night, and it gave him the NO
Route routine. < sigh> Looks like we all need to "work" on our FBB BBS's

```
      Sid  
*****  
* * *  
Sid Ashen-Brenner  sashen@midusa.net  n0obm@n0obm.#ncks.ks.usa.noam  
Salina Regional Health Center  Maintenance Electronic's  
Salina, Kansas  67401  Fidonet 1:295/6  913-823-9311 Salina Packet  
Systems
```

83. Re: CQ Oregon

From: Don Lewis <dlewis@cdsnet.net>
Date: Tue, 23 Apr 1996 01:45:54 +0000
To: BBSSIG <bbssig@tapr.org>
Message-ID: <317C3652.664B@cdsnet.net>
Rendered body type: text/plain

I've been following the dialogue and want to pitch in a couple of cents worth.

Speaking for FBB 5.15c, 7.00, 7.00a, this is what WILL work if you want to
easily set up your forwarding to handle SB CQ @ OR.OR.USA.NOAM.

G OR&

The ampersand (&) is a variable that means, simply, a period followed by
any text string. OR& would match OR.WORLI.OR.USA.NOAM, OR.OR.USA.NA, or
simply OR.

Most of us FBB-types use a collection of STATE files in our forwarding script
for forwarding PN traffic based on hierarchial addressing that looks something
like this:

```
H *.OR  
H *.OR.USA  
H *.OR.USA.NA  
H *.OR.USA.NOAM  
Z 97###
```

The asterisk (*) matches any string preceding the period, like KI7AE.#SEOR.OR.USA.NOAM.
The pound sign (#) matches any single number, useful for designating NTS forwarding.

For quite some time, I've simplified my forwarding files with the ampersand. The
above example (which uses 4 lines) is more easily expressed as:

```
H *.OR&  
Z 97###
```

As you can see, the asterisk and ampersand match everything preceding AND following OR.

Now let's take this concept a step further. If you can put an 'H' line in the script
file, and a 'Z' line for NTS, then why not a 'G' line as well, for forwarding bulletins
to a specific state?

```
H *.OR&  
Z 97###  
G OR&
```

To make it simpler, I took 5 minutes out of my day to compile all fifty states + DC so the keystroke-challenged don't have to. Unzip the attachment into your FWD\STATE directory and take a nap.

P.S. - The "swappers" will have trouble with this one if they change @OR to @ALLOR, 'cuz it won't work.

--

```
      | |      _
     _`| |  _)_\ \ \ / |(_-<
    \__|_| | \__| \_/ \_/ |__|/
      |ki7ae@ki7ae.#seor.or.usa.noam
      mailto:dlewis@cdsnet.net
[Attachment: States.zip; application/x-zip-compressed; 7,381 bytes]
```

84. Re: [BBSSIG:2563] FBB forwarding, G line and H lines, etc

From: Don Lewis <dlewis@cdsnet.net>
Date: Tue, 23 Apr 1996 02:00:28 +0000
To: bbssig@tapr.org
Message-ID: <317C39BC.5EEE@cdsnet.net>
Rendered body type: text/plain

Dean R. Madsen, KE0WO wrote:

>
> Hi All,
>
> This is mainly for FBB sysops, so those on the BBSSIG that have no interest
> in the operations of FBB, please ignore.....

Dean, we think alike. :)

--

```
      | |      _
     _`| |  _)_\ \ \ / |(_-<
    \__|_| | \__| \_/ \_/ |__|/
      |ki7ae@ki7ae.#seor.or.usa.noam
      mailto:dlewis@cdsnet.net
```

85. Re: [BBSSIG:2562] Re: @ Fields and delivery of bulletins

From: Steve Ashenfelter <n8xsf@ix.netcom.com>
Date: Mon, 22 Apr 1996 23:49:30 -0400
To: bbssig@tapr.org
Message-ID: <199604230352.UAA28198@dfw-ix5.ix.netcom.com>
Rendered body type: text/plain

At 01:55 PM 4/22/96 -0500, you wrote:

>How about trying:
> SB TEST @ OR.W0RLI.OR.USA.NOAM
>and
> SB TEST @ OR.OR.USA.NOAM
>
>That bulletin should reach my system, where it will be distributed
>to all BBS in Oregon. If it does, I can tell this group that it worked.
>
>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>
>
>

OK, I will do the SB TEST @ OR.OR.USA.NOAM tonight. It is 11:48pm EDT.

Steve N8XSF

86. Re: [BBSSIG:2561] Re: CQ Oregon (AA4RE)

From: mwestfal@csci.csusb.edu (Michael Westfall)
Date: Mon, 22 Apr 1996 19:17:51 -0700 (PDT)
To: bbssig@tapr.org
Message-ID: <199604230217.CAA03326@csci.csusb.edu>
Rendered body type: text/plain

In a former treatise, Mike Fahmie spake thusly:

-> >Hm, and what happens at your systems if one of the bypassing bbs systems
-> >has, lets say @OR assigned as a flood distributor for its region?
-> >

-> There is a weakness here!
-> If a CQ GREECE message arrives addressed to CQ @ GRC.GRC.EURO, the first
-> ROUTE scan will look for the first word in the @field, GRC. What if the
-> "Gilroy Radio Club" has a local distribution of GRC? Yes, the bulletin will
-> be distributed locally instead of being forwarded hierarchically.

Sounds like a software setup problem. The 'hierarchical-ness' of the
h-address is defeated if you scan it left to right. You gotta scan it
right-to-left. If you're in Gilroy, and the last field is EURO, you know
that it is to be sent on to somewhere else, regardless of the GRC anywhere
in the haddress...

Any BBS software that doesn't offer that capability is, IMHO, broken.

```
-----  
73 de Mike,      ax.25net:    N6KUY@W6JBT.#SOCA.CA.USA.NOAM  
                  amprnet:    n6kuy@n6kuy.ampr.org [44.18.0.49]  
                  internet:    mwestfal@csci.csusb.edu  
                  web:        http://orion.csci.csusb.edu:8080  
Linux: the Gates of Hell shall not prevail.  
GCS/M { -d+ p+ c++ l u++ e+(*) m++(-) s/+ !n-(---) h-- !f g+ w+ t++ r-(--) y+ }  
-----
```

June 1996

Original source file: bbssig.9606

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9606

1. Re: [BBSSIG:2791] A few thoughts on the current debate

From: Charles Brabham <n5pvl@texoma.com>

Date: Sat, 1 Jun 1996 09:52:32 -0500

To: bbssig@tapr.org

Message-ID: <199606011452.JAA14429@mercury.texoma.com>

Rendered body type: text/plain

At 03:02 PM 5/30/96 -0500, Greg wrote:

>I don't normally jump into these debates, but I feel I should point out a
>few things I feel strongly about.

>

>Cheers - Greg, WD5IVD

>

>snip<

>

>The thoughts expressed are those of Greg not TAPR.

I'm recovering from an illness so I'll keep this very short for now.

Flame On >> If you can't handle it, don't read it.

Greg's reasoning is flawed, incomplete, and does nothing to address the damage done to the packet radio net by ONE (1) application of the Packet/Inet gate out of the entire range of possibility. Greg's stubborn prejudice that ANY Packet/Internet application must automatically be "good" points out his fundamental bias and myopia where this issue is concerned.

Greg's apparent indifference concerning the damage being done to the amateur radio global digital network doesn't speak well for his motivations.

When anyone points out a real problem with an application involving packet and Internet, Greg knows how he feels about it without having to bother to listen to what's being said. Anyone who doesn't agree with him must automatically be an "idiot".

"The times they are a-changing", but Greg's views have been ossified for over five years that I'm aware of. He has come up with a few new rationalizations, but none of these struck me as being any more novel than his earlier ones. It's pretty much the same old line I've been hearing from Greg ever since I've known him. It's cynical of him to pretend that he's saying anything new or up to date. He's still pushing the latest thinking from 1990.

I will say it's good to hear that Greg's views are not those of TAPR, and I would like to see solid evidence to verify this statement.

When I recover a bit more, I'll BBQ Greg to a golden turn. Right now I'm busy.

Regular, or "extra crispy" ??

----- 73 DE Charles N5PVL -----

E-Mail: n5pvl@texoma.com

Packet: N5PVL @ N5PVL.#NTX.TX.USA.NOAM

Page: <http://www.texoma.com/~n5pvl>

2. Re: [BBSSIG:2807] Re: A few thoughts on the current debate

From: rmackay@cycor.ca (Ron VE1AIC)

Date: Sat, 1 Jun 1996 16:10:11 -0300

To: bbssig@tapr.org

Message-ID: <199606011910.QAA23341@bud.peinet.pe.ca>

Rendered body type: text/plain

>

>Flame On >> If you can't handle it, don't read it.

>

>

>When I recover a bit more, I'll BBQ Greg to a golden turn. Right now I'm busy.

>

>Regular, or "extra crispy" ??

>

>

>----- 73 DE Charles N5PVL -----

People who spew such blabber do nothing for a "discussion" group. Charles if you can't debate a matter properly (without personal attacks) then dont bother at all.

I do not agree with your position on the Internet stuff but I wont use name-calling to try to further my views. This whole thread is getting tedious, there are those very dead-set against the use of any InterNet connections and I doubt that any amount of reasonable discussion will change anyones views or practices so why not move on to something positive.

73 - Ron VE1AIC

3. Re: [BBSSIG:2807] Re: A few thoughts on the current debate

From: Greg Jones <wd5ivd@tapr.org>
Date: Sat, 1 Jun 1996 14:28:40 -0500 (CDT)
To: bbssig@tapr.org
Cc: tprs-board@tapr.org (TPRS Board)
Message-ID: <199606011928.0AA15853@tapr.org>
Rendered body type: text/plain

> At 03:02 PM 5/30/96 -0500,Charles wrote:

>

> >I don't normally jump into these debates, but I feel I should point out a

> >few things I feel strongly about.

> >

> >Cheers - Greg, WD5IVD

> >

>

> >snip<

>

> >

>

> I'm recovering from an illness so I'll keep this very short for now.

>

> Flame On >> If you can't handle it, don't read it.

>snip<

Dear Charles:

Sorry to hear that you are not feeling well. Understood that you had a problem recently. Hope you get to feeling better soon. With luck we can have a beer at HamCom this next weekend.

I am very happy to see your comments regarding my recent posting. It is always reassuring to know that you having something to say on the issue.

I would like to apologize to the SIG before I go on, for taking up this additional bandwidth with this reply, since a large part of my mind keeps yelling 'just delete his message :-)'. As Hank pointed out, the BBS SIG should be used for more constructive things. This was one reason that I debated and debated about posting the first message. An issue for Barry to handle when he returns. (Barry -- you always seem to be out of town when the good message flow starts :-)_

Anyway -- It really comes down to one or two things Charles. If you don't do anything, you will never have influence in the outcomes of issues. I will not step into the mud of name calling -- I have better things to do that are advancing the issues of amateur radio now and in the future. I'll continue to spend time planning, discussing, presenting, gathering consensus, and organizing folks to do things. When I have time I'll design equipment and write software. During the process I'll write position statements, documentation, books, web pages, and other things to help disseminate the information. I'll not sit in front of my keyboard for hours on end posting irate and argumentative messages to both the Internet and the amateur packet network. I'll spend my time developing. Those who code and design rule -- that is the time and tested amateur motto. All the BBS authors know this fact. All the network builders and developers know this. The standards, that we call standards in amateur radio today, are due to people doing development and spending time learning about how things work and why. The next generation of standards will be from amateurs who will continue this tradition and share their knowledge with others. These developers are seldom influenced by people they perceive as adding to the noise floor. To use a metaphor, they will simply turn up the squelch in

order to hear more cogent discussions and debates. Being contentious about issues will get you recognized, but not as I think you want to be recognized.

Granted we have different views of the world, but I have a pretty good feeling that people will follow mine before yours in many respects. If anything, just for the one fact that I am courteous in expressing my views as I go along doing my thing in amateur radio.

Cheers - Greg, WD5IVD

P.S. This will be my last message on this issue on the BBS SIG. I'll not respond to further messages from Charles on the subject, since I know that this message will add to further posting by Charles on the issue. I would hope that the BBS SIG can move to some of the issues Hank mentioned. Everyone has to keep in mind that one reason Charles gets into these debates is because this is his method to get recognition.

I hope that others don't feel that my outlook on Spread Spectrum and other issues relating to digital issues is myopic. The future of amateur radio depends on amateurs not drawing lines in the sands, but expressing what they do in the hobby as being beneficial and positive.

The great thing about an open society -- everyone has their say. But eventually you have to back up your words with something more than e-mail exchanges. You have to produce things that do something that make change happen.

Back to a lot more fun work than writing responses to e-mail :-)

4. bpqhkiss

From: mead@dg-rtp.dg.com (Glenn Mead)
Date: Sun, 2 Jun 1996 10:08:58 -0400 (EDT)
To: netsig@tapr.org, bbssig@tapr.org
Message-ID: <199606021408.KAA00552@teton>
Rendered body type: text/plain

I hope this is the right place for this request. If not, my apologies.

I am trying to get a packet bbs node up and running. I inherited the sysop role and am not a packet expert. We were having stability problems and I was told that I should switch from the netrom eproms we were using to bpqkiss eproms. The switch was made, but I can't get the system to work. The bpq docs indicate that I must load bpqhkiss after loading bpqcode. The problem is that I can't find any docs on bpqhkiss to explain the three command line args it requests:
bpqport BIOSport portmask

I would really appreciate help with this.

Also, the bpq docs say to wire the two tnc's together. Currently the two tnc's are attached to a diode-matrix board. One of the club members felt that this would work the same as the recommended wiring. Comments?

System configuration:
386/16
4 mb memory
70 mb disk
2 comm ports
4 port diode-matrix attached to comm 1
PacComm Tiny-2 tnc with bpqkiss eprom and dcd board (1200 baud 2m)
PacComm Tiny-2 tnc with bpqkiss eprom (9600 baud 70cm)
dos 6.22
fbb 5.15c
bpq 4.08a

I would really appreciate any help on this, includeing copies of autoexec.bat, port.sys and bpqcfg.txt.

Thanks and 73,
ke4zea - Glenn Mead

e-mail: mead@dg.com

--

Glenn Mead	KE4ZEA	
Data General Corp.	e-mail mead@dg.com	Without challenge there
62 Alexander Dr.	voice 919/248-6029	is no chance to excel.
RTP, NC 27709	fax 919/248-6108	

packet KE4ZEA@KB4WGA.#DUR.NC.USA.NOAM

5. Re: [BBSSIG:2810] bpqhkiss

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Sun, 2 Jun 1996 15:06:25 -0300
To: bbssig@tapr.org
Message-ID: <199606021806.PAA06984@bud.peinet.pe.ca>
Rendered body type: text/plain

>I am trying to get a packet bbs node up and running. I inherited the sysop
>role and am not a packet expert. We were having stability problems and I
was told
>that I should switch from the netrom eproms we were using to bpqhkiss eproms.
>The switch was made, but I can't get the system to work. The bpq docs
>indicate that I must load bpqhkiss after loading bpqcode. The problem is
>that I can't find any docs on bpqhkiss to explain the three command line
>args it requests:
>bpqport BIOSport portmask
>
>I would really appreciate help with this.

While I cant help you directly with the BPQHKISS I wonder why someone would suggest you dump the Netrom(I assume you mean TheNet) Eproms? I have a similar setup here with 2 Tiny-2's using X1JR4(before that TN2.08B) on the Matrix with the BPQ port of my FBB5.15c BBS and that has been working great for years. Its so stable I cant remember when I've had a crash or any such problem.

73 - Ron VE1AIC

..

6. RE: [BBSSIG:2810] bpqhkiss

From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Date: Sun, 2 Jun 1996 15:13:07 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <960602151307.19c83@ids.net>
Rendered body type: text/plain

Hi... use the following for your bpqhkiss entry in your .bat file:

bpqhkiss 4 1 1

That will do it!

Let me know how you make out... 73, Ed, K1BYV

7. Re: [BBSSIG:2811] Re: bpqhkiss

From: Hank Oredson <hank_oredson@MENTORG.COM>
Date: Sun, 02 Jun 1996 20:33:42 -0800
To: bbssig@tapr.org
Message-ID: <199606030333.UAA09190@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 01:22 PM 6/2/96 -0500, ve1aic wrote:

>While I cant help you directly with the BPQHKISS I wonder why someone would
>suggest you dump the Netrom(I assume you mean TheNet) Eproms? I have a
>similar setup here with 2 Tiny-2's using X1JR4(before that TN2.08B) on the
>Matrix with the BPQ port of my FBB5.15c BBS and that has been working great
>for years. Its so stable I cant remember when I've had a crash or any such
>problem.

If you use KISS, then all the ports have the same alias/callsign.
If you use NET/ROM, each port must have it's own alias/callsign.

The first way is simpler for the users to understand.

If, for example, you have say ten radios on air, and use BPQ,
then your system will have eleven different addresses (12 if

you count the BBS address). This gets quite confusing.

```
... Hank
      \\\|//      ^ ^
      (0 0)      / 0 0 \
      -----<| V |>-----/.. \
      -----o00--( )--o0o-----o000o-U-o000o-----o00--( )--o0---
```

8. Re: [BBSSIG:2808] Re: A few thoughts on the current debate

From: Hank Oredson <hank_oredson@MENTORG.COM>
Date: Sun, 02 Jun 1996 20:33:44 -0800
To: bbssig@tapr.org
Message-ID: <199606030333.UAA09194@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 02:23 PM 6/1/96 -0500, velaic wrote:

>I do not agree with your position on the Internet stuff but I wont use
>name-calling to try to further my views. This whole thread is getting
>tedious, there are those very dead-set against the use of any InterNet
>connections and I doubt that any amount of reasonable discussion will change
>anyones views or practices so why not move on to something positive.

Ok, how about "how to bypass the folks who use the internet"
so that we can get on with the task of building a RADIO network?

If you don't see the seriousness of this issue, I hope you will
consider it very very carefully ... and then change your mind.

If you do not change your mind, I hope you will move your operation
fully over to the telephone and stop bothering us hams with it.

```
... Hank
      \\\|//      ^ ^
      (0 0)      / 0 0 \
      -----<| V |>-----/.. \
      -----o00--( )--o0o-----o000o-U-o000o-----o00--( )--o0---
```

9. [BBSSIG:2814] Re: A few thoughts on the current de

From: n8ydt@nwohio.com
Date: Mon, 3 Jun 1996 00:25:42 -0500
To: bbssig@tapr.org
Message-ID: <TCPSMTP.16.6.3.0.25.42.2312803752.254233@nwohio.nwohio.com>
Rendered body type: text/plain

BB>Received: from tapr.org [206.210.220.85] by nwohio.nwohio.com with smtp
BB> id AAAHALEH ; Mon, 3 Jun 1996 00:07:12 -0500
BB>Received: from tapr.org (localhost [127.0.0.1]) by tapr.org (8.7.5/8.7.3/1.9
BB>Date: Sun, 2 Jun 1996 22:47:45 -0500 (CDT)
BB>Message-Id: <199606030333.UAA09194@em-wv03.wv.mentorg.com>
BB>Reply-To: bbssig@tapr.org
BB>Originator: bbssig@tapr.org
BB>Sender: bbssig@tapr.org
BB>Precedence: bulk
BB>From: Hank Oredson <hank_oredson@mentorg.com>
BB>To: bbssig@tapr.org
BB>Subject: [BBSSIG:2814] Re: A few thoughts on the current debate
BB>X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
BB>X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
BB>Content-Type: text/plain; charset="us-ascii"
BB>X-Mailer: Windows Eudora Light Version 1.5.2

BB>At 02:23 PM 6/1/96 -0500, velaic wrote:

BB>>I do not agree with your position on the Internet stuff but I wont use
BB>>name-calling to try to further my views. This whole thread is getting
BB>>tedious, there are those very dead-set against the use of any InterNet
BB>>connections and I doubt that any amount of reasonable discussion will chang
BB>>anyones views or practices so why not move on to something positive.

BB>Ok, how about "how to bypass the folks who use the internet"
BB>so that we can get on with the task of building a RADIO network?

BB>If you don't see the seriousness of this issue, I hope you will
BB>consider it very very carefully ... and then change your mind.

BB>If you do not change your mind, I hope you will move your operation

>
>
>

Glenn if you cannot find the BPQ documentation for the polled Kiss mode I will send it to you. What you must do is make a SPECIAL e-prom for each TNC and in the e-prom you call one A the next B and the next C ect. Each of the e-proms are differnet with the letter hard coded in them. You MUST put the info on each e-prom or you will get them messed up...:)

In your bpqcfg.txt you will have EXACTLY as many PORTS deined as you have TNC's. So if you have 2 on the same com port then you will have 2 port definitions. They might be identical with the exception that one would be poll port A while the other is poll port B.

Since you have just 2 tnc's you don't need much of a diode matrix. The matrix is defined in the BPQ documentation Glenn and it's been used a lot.

Let me know what you need. I'll send it.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

11. Re: [BBSSIG:2814] Re: A few thoughts on the current debate

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 3 Jun 1996 07:01:51 -0600
To: bbssig@tapr.org
Message-ID: <199606031301.HAA06433@acca.nmsu.edu>
Rendered body type: text/plain

At 10:47 PM 6/2/96 -0500, you wrote:

>At 02:23 PM 6/1/96 -0500, velaic wrote:

>

>>I do not agree with your position on the Internet stuff but I wont use
>>name-calling to try to further my views. This whole thread is getting
>>tedious, there are those very dead-set against the use of any InterNet
>>connections and I doubt that any amount of reasonable discussion will change
>>anyones views or practices so why not move on to something positive.

>

>Ok, how about "how to bypass the folks who use the internet"
>so that we can get on with the task of building a RADIO network?

>

>If you don't see the seriousness of this issue, I hope you will
>consider it very very carefully ... and then change your mind.

>

>If you do not change your mind, I hope you will move your operation
>fully over to the telephone and stop bothering us hams with it.

>

Hank your getting cranky as you grow older. First, you have no right nor power to force anyone to not use the internet. In fact you used it to send this very rude message to a ham. Why don't you set an example of your close felt ideals and no longer use the Internet for anything? Much easier for you to soak your head than asking all hams using the Internet to stop.

As for me, I will still be happy using a part Internet part UHF part VHF network to forward and receive mail and bulletins just as I have been doing for 3 years. It is fast and works great. It is in use TODAY. Not some wonderous idea for "next year".

On your other close held ideal the change from .na to .noam. I changed and thought GADS! This is so stupid. I hate to do stupid things when it is the computer I own that is doing it. So I'm back to .na because it is shorter and is in wide spread use by Industry and Shipping. This symbol means Canada, USA and Mexico period. Shippers have no problems with it Why should the hams?

>

> ... Hank

>

> ^ ^
> / \ / \
> \ / \ /
> (0 0) <| V |> /..\
>-----o00--()--00o-----o000o-U-o000o-----o00--()--00---

>

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

12. Re: [BBSSIG:2817] Re: A few thoughts on the current debate

From: Dj Merrill <deej@vsl.ist.ucf.edu>
Date: Mon, 3 Jun 1996 11:15:25 -0400 (EDT)
To: bbssig@tapr.org
Cc: Dj Merrill <deej@vsl.ist.ucf.edu>
Message-ID: <Pine.OSF.3.92.960603110706.6747G-100000@yankee.vsl.ist.ucf.edu>
Rendered body type: text/plain

On Mon, 3 Jun 1996, Karl F. Larsen wrote:

> As for me, I will still be happy using a part Internet part UHF part
> VHF network to forward and receive mail and bulletins just as I have been
> doing for 3 years. It is fast and works great. It is in use TODAY. Not some
> wonderous idea for "next year".
> On your other close held ideal the change from .na to .noam. I
> changed and thought GADS! This is so stupid. I hate to do stupid things when
> it is the computer I own that is doing it. So I'm back to .na because it is
> shorter and is in wide spread use by Industry and Shipping. This symbol
> means Canada, USA and Mexico period. Shippers have no problems with it Why
> should the hams?

I understood that one of the reasons for changing to "noam"
versus "na" is because there is an internet domain overseas using
"na". If you are an advocate of Internet to packet radio
bridging, then you should easily see the benefits/reasons for
using "noam" instead of "na".

I remember getting some nasty e-mail from a machine
in the Internet "na" domain when I tried to address something
from the internet to a ham address ending in .na. saying how expensive
their link was and they didnt appreciate getting all this ham radio traffic
erroneously bounced to them. As a ham not wanting to cause any interference,
I adopted the new "noam" standard. It doesnt hurt me any, and it
helps the guy with the expensive link tremendously.
Why not change?

-Dj

Dj Merrill	Institute for Simulation and Training / UCF
Associate in Simulation	3280 Progress Drive, Orlando, FL 32826
deej@vsl.ist.ucf.edu - N1JOV	(407) 658-5513 / Fax: (407) 658-5059

"BSD: The way Unix should be"

13. Re: [BBSSIG:2814] Re: A few thoughts on the current debate

From: Charles Brabham <n5pvl@texoma.com>
Date: Mon, 3 Jun 1996 11:33:15 -0500
To: bbssig@tapr.org
Message-ID: <199606031633.LAA12650@mercury.texoma.com>
Rendered body type: text/plain

At 10:47 PM 6/2/96 -0500, you wrote:
>At 02:23 PM 6/1/96 -0500, vellaic wrote:
>

Flame ON >>> If you can't handle it, don't read it.

>>I do not agree with your position on the Internet stuff but I wont use
>>name-calling to try to further my views. This whole thread is getting
>>tedious, there are those very dead-set against the use of any InterNet
>>connections and I doubt that any amount of reasonable discussion will change
>>anyones views or practices so why not move on to something positive.
>

Let's see.. several people here are dead set against Internet forwarding,
cannot be brainwashed conveniently since they have the facts on thier side,
so let's change the subject quickly, by force if necessary.

I thought that the unspoken assumption above, that if if things couldn't be
pro-internet forwarding they were no longer "positive", and that things no
longer being pro-internet forwarding was an indication that we needed to
"move on" was particularly instructive.

VE1AIC sounds like one of those crude, impolite folks Greg was talking about.

The discussion is not going along with his personal agenda, so...

----- 73 DE Charles N5PVL -----

14. Re: [BBSSIG:2815] Re: A few thoughts on the current de

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 03 Jun 1996 09:35:21 -0800
To: bbssig@tapr.org
Message-ID: <199606031636.JAA04339@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 11:32 PM 6/2/96 -0500, n8ydt wrote:

>BB>>I do not agree with your position on the Internet stuff but I wont use
>BB>>name-calling to try to further my views. This whole thread is getting
>BB>>tedious, there are those very dead-set against the use of any InterNet
>BB>>connections and I doubt that any amount of reasonable discussion will chang
>BB>>anyones views or practices so why not move on to something positive.

>
>BB>Ok, how about "how to bypass the folks who use the internet"
>BB>so that we can get on with the task of building a RADIO network?

>
>BB>If you don't see the seriousness of this issue, I hope you will
>BB>consider it very very carefully ... and then change your mind.

>
>BB>If you do not change your mind, I hope you will move your operation
>BB>fully over to the telephone and stop bothering us hams with it.

>HANK GET A LIFE!!!!!!!!!!!!!! He sead + not - Come on I use to look
>up to you PAL!

More whining, with no suggestions for action.

I am making such a suggestion: route around those who use the
telephone to bypass radio links. Remove them from the RADIO
network. Toss 'em out. Build a RADIO network. Don't use the
telephone. Was that clear enough?

What are your suggestions?

Or don't you see this as a problem? If not, why not?

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

15. Re: [BBSSIG:2817] Re: A few thoughts on the current debate

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 03 Jun 1996 09:35:22 -0800
To: bbssig@tapr.org
Message-ID: <199606031636.JAA04342@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 08:04 AM 6/3/96 -0500, k5di wrote:

>At 10:47 PM 6/2/96 -0500, you wrote:

>>At 02:23 PM 6/1/96 -0500, velaic wrote:

>>
>>>I do not agree with your position on the Internet stuff but I wont use
>>>name-calling to try to further my views. This whole thread is getting
>>>tedious, there are those very dead-set against the use of any InterNet
>>>connections and I doubt that any amount of reasonable discussion will change
>>>anyones views or practices so why not move on to something positive.

>>
>>Ok, how about "how to bypass the folks who use the internet"
>>so that we can get on with the task of building a RADIO network?

>>
>>If you don't see the seriousness of this issue, I hope you will
>>consider it very very carefully ... and then change your mind.

>>
>>If you do not change your mind, I hope you will move your operation
>>fully over to the telephone and stop bothering us hams with it.

>>
> Hank your getting cranky as you grow older. First, you have no right
>nor power to force anyone to not use the internet. In fact you used it to
>send this very rude message to a ham. Why don't you set an example of your
>close felt ideals and no longer use the Internet for anything? Much easier
>for you to soak your head than asking all hams using the Internet to stop.

Karl, I have the same right to make my views
known as do you and all the others here.

Your snide "...use the internet for anything" shows that you have
yet to understand the issue under discussion. Please try real hard
to understand what is at stake, and why.

> As for me, I will still be happy using a part Internet part UHF part
>VHF network to forward and receive mail and bulletins just as I have been
>doing for 3 years. It is fast and works great. It is in use TODAY. Not some
>wonderous idea for "next year".

And while you bypass radio by using the telephone, I will continue
to consider you a lid. Do you have any plans to solve your network
problem, or do you plan to continue to avoid using ham radio?

> On your other close held ideal the change from .na to .noam. I
>changed and thought GADS! This is so stupid. I hate to do stupid things when
>it is the computer I own that is doing it. So I'm back to .na because it is
>shorter and is in wide spread use by Industry and Shipping. This symbol
>means Canada, USA and Mexico period. Shippers have no problems with it Why
>should the hams?

Karl, you have a very short memory. MY idea was .NA,
.NOAM was W3IWI's idea. This has been hashed out over
and over. Please try and stick with facts.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

16. re:[BBSSIG:2820] Re: A few thoughts on the current de

From: "Daniel J. Meredith" <DMeredith@CELL1.COM>
Date: Mon, 3 Jun 96 10:56:56 MST
To: <bbssig@tapr.org>
Message-ID: <vines.cQJ8+bRmg1A@BAMATEMPE.CELL1.COM>
Rendered body type: text/plain

-----[Reply - Original Message]-----

More whining, with no suggestions for action.

I am making such a suggestion: route around those who use the
telephone to bypass radio links. Remove them from the RADIO
network. Toss 'em out. Build a RADIO network. Don't use the
telephone. Was that clear enough?

What are your suggestions?

Or don't you see this as a problem? If not, why not?

Hank Oredson @ Mentor Graphics Library Operations

=====

I can certainly agree with you whole heartedly Hank, however there are
going to be those situations when the BBS Sysop is simply STUCK! To
provide an example, not every Sysop has the technical ability to go out
and build his/her own network if the local networkers are unresponsive.
If for instance someone is living in Podunk and the local nodeop won't add
to the system or does his/her own thing without considering those that
depend upon the network, what is the SYSOP to do?

Of course this is a worst case scenario which most of us would probably
agree that the SYSOP has no choice.

If in fact a SYSOP is deliberately by-passing a valid and decent radio
network, then so be it, avoid him/her as much as possible. I then agree
100%

Daniel

17. Re: [BBSSIG:2819] Re: A few thoughts on the current debate

From: Howard Goldstein <hg@penny.n2wx.ampr.org>
Date: Mon, 3 Jun 1996 15:36:44 -0400 (EDT)
To: bbssig@tapr.org

packet channel, to making packet better. When was the last time you saw this much signal ??? We used to help with development and make real contributions.

It amazes me that the occasional request for help is still met with good comments. Thanks again to Karl and others for helping folks with the latest BPQ questions.

I will now proceed to alienate most of the SIG participants, so pay attention I don't want anyone to be left out.

Hank - we've been through this before. Take your crusade to save ham radio over to packet. This is NOT the save the frequencies forum. Having better performance and ridding the network of messages that no reads is not the worst thing that can happen to packet radio.

Charles - you are not to type anything until you have a contribution to make. This is not alt.argument.insults

People who live in EURO. I guess that letting you invent your own 4 letter designator is more important than having improved routing. Let me know when you all agree on the 4 letters you want to use. Bet you \$1 to 1 ECU that it won't happen before the year 2000.

If you don't fall into any of the subsets listed above, then let me ask if you VOTED. Well the outcome of the vote was NO; do not post to packet. My thanks to the 9 people who voted.

Now if you are really NONE OF THE ABOVE. You survived the cut. Congratulations.

Now, having vented, I should be healed. Well it ain't so. Effective immediately I will request that BBSSIG go moderated. I will be happy to pass messages which directly relate to BBS set, operation, future enhancements.

If you happen to be unhappy with my position. You can:

1. Go away - I hope a few of you take this option.
2. Stay in your seat, stop chewing gum and pay attention.
3. Write an email to Greg Jones telling him how I'm all wrong and should be removed from the BBSSIG.

Barry

20. Re: [BBSSIG:2824] Re: A few thoughts on the current debate

From: Dj Merrill <deej@vsl.ist.ucf.edu>
Date: Mon, 3 Jun 1996 22:34:08 -0400 (EDT)
To: bbssig@tapr.org
Cc: Dj Merrill <deej@vsl.ist.ucf.edu>
Message-ID: <Pine.OSF.3.92.960603222113.7094A-100000@yankee.vsl.ist.ucf.edu>
Rendered body type: text/plain

On Mon, 3 Jun 1996, Larry Shotwell wrote:

> Why not simply address your packet mail on packet and your internet mail on
> internet. If you incorrectly send an internet message with a packet address
> you made a mistake. It is not the system that is broken. Sure lets change
> the system everytime somebody makes a typo. Gee that makes sense to me. Larry

Well, whether we like it or not, there are internet to packet gateways out there, and mail from one goes to the other. If *both* systems are using the "na" designator, then there will be problems. Do you want to cause problems, or try to help solve them? I for one wish to help solve them, and not cause interference to someone else's system, whether it be radio interference or not.

If the option is to not change the ham "na" designator, then what would be a good solution to getting electronic mail to its proper designation? How do we tell the difference between mail targeted for the ham "na" network, and mail targeted for the overseas "na" internet network?

If we want to use the internet for emergency traffic if needed, then we have to be able to co-exist with it. The "na" designator is a very blatant problem, and it only takes a few keystrokes to

True. People make mistakes. Fact of Life.

> It is not the system that is broken.

It **IS** the system that is broken; it allows the mistake to be made.

It's better to eliminate the opportunity for error than to try to "just not make" the mistake, which will INEVITABLY happen.

Why anyone would be against the change from .na to .noam, just for the Namibia Problem alone, is beyond me.

> Sure lets change the system everytime somebody makes a typo.

.. and if it prevents them from doing it again, then why not?

> Gee that makes sense to me. Larry

It does, to me....

```
-----
73 de Mike,      ax.25net:      N6KUY@W6JBT.#SOCA.CA.USA.NA
                  amprnet:      n6kuy@n6kuy.ampr.org [44.18.0.49]
                  internet :     mwestfal@csci.csusb.edu
                  web:           http://orion.csci.csusb.edu:8080
                  "Linux: The Gates of Hell shall not prevail."
GCS/M { -d+ p+ c++ l u++ e+ (*) m++ (-) s/+ !n-(---) h-- !f g+ w+ t++ r-(--) y+ }
-----
```

24. RE: [BBSSIG:2825] Reprimand !!!

From: Gwyn Reedy <gwyn@paccomm.com>
Date: Tue, 4 Jun 1996 06:49:10 -0400
To: "'bbssig@tapr.org'" <bbssig@tapr.org>
Message-ID: <01BB51E1.F01C5260@gwyn.paccomm.com>
Rendered body type: text/plain

On Monday, June 03, 1996 5:06 PM, Barry Buelow WA0RJT[SMTP:barry@ia.net] wrote:

>June 3, 1996

>

>To: BBSSIG

>From: WA0RJT

>.....

>People routinely nit pick each other

>over details of some third parties quotation. You all act like a

>bunch of little kids.

>

>!!!!!!!!!!!! I AM SICK OF IT !!!!!!!!!!!!!!!

>

>.....

>crusade

>.....

>Effective immediately I will request that BBSSIG go moderated. I

>will be happy to pass messages which directly relate to BBS set,

>operation, future enhancements.

>

I support you 100% Barry.

I respect each person's opinion, and right to state it, but get very tired of hearing it after 50 repetitions.

You were very astute in using the 'Crusade' word. Zealot (sp) also comes to mind.

Gwyn Reedy, WIBEL
PacComm Packet Radio Systems

```
begin 600 WINMAIL.DAT
M>)\^(@P*`0:0" ` $` ``````!``$` `0>0!@` (````Y 0` ``````#H` $`-@ 0`
M`@` ```` (``@!!) &` `@!````!````#` ```` ,` `#` ```` "P` /#@` ````"?\/
M`0` ```` #T` ``````@2L?I+ZC$!F=;@#=`0]4` @` ```` !B8G-S:6= =&%P<BYO
M<F<`4TU44 !B8G-S:6= =&%P<BYO<F<` ```` '@` ", $` ```` %` ````4TU44 ``
M` ````>`` ,P`0` ```` !B8G-S:6= =&%P<BYO<F<` `P`5# $` ```` #` /X/!@`
M`!X` `3 !```` $@` ```` "B8G-S:6= =&%P<BYO<F<G` ```` @ $+, $` ```` 5`
M4TU44#I`0E-324# 5$%04BY/4D<` ```` ```` P` ``.0` ```` +` $` Z`0` ```` (!]@`!
M` ````! ```` ```` .S`*P$(@ <` &` ```` $E032Y-:6-R;W-09G0@36I;"Y.;WIE
```

```

M`#$(`02 `0@` ``4D4Z(%M"0E-324<Z,C@R-5T@4F5P<FEM86YD("$A(0"S
M" $%@ ,`#0` ``,P`!@`$`8`,0`*` ``(` $!( `#`X` ``#,!P8`! `&`"L`
M" ``"!@!`0F `0`A` ``0C="-D0W1D0Q,4)$0T8Q,3@P1#$P,#0P,#4R.4)#
M1#<`,`@<`!`Y `&`%`%` ``2` ````P`C` ``````#` ``8` ``````L` ``*0` ``````P`V
M` ``````!`#D` `(PJ=@-2NP$>` `` `0` ````!213H@6T)"4U-)1SHR.#(U
M72!297!R:6UA;F0@2$A` `( !<0`!` ````%` ````&[4@-V&?W7MKB]$1`/ @-$`
M0 4IO-<` ``!X` `@P!` ``!0` ````%--5%` ``````@`?#` $` ````1` ````9W=Y;D!P
M86-C;VUM+F-0;0` ````#` ``80`7*[/P,`!Q`Q` ````@`($`$` ````!E` ````3TY-
M3TY$05DL2E5.13 S+#$Y.38U.C V4$TL0D%24EE"545,3U=703!22E133510
M.D)!4E)90$E!3D545U)/5$4Z2E5.13,L,3DY-E1/.D)"4U-)1T923TTZ5T$P
M4DI44$5/4` `````` `0D0`0` ````X#` ``*`P` ``&@` ``$Q:1G5K"E@Z_P` ``*0` ``
M%0`H!>L"P!0`0`0` ``!C: K <V5T,C<&` ``;#`H,R` ``4` ````!R0G$1XG-T96T"
M@S,W`N0`$P`#`-!+,#]F-5L2S!3(-A+`$74P%+9]%PJ " ,\ )V3L;?S(U-0` ``
M@ `!#;#$+8&YG,3"&,Q10"P-L:3,V#? S"U47<C$X&N `0` ``!/0.@30(@9&%Y
M+`!@2G5N92 >L"%0,8 Y.38@-3HP(C"44$TA4$(*P`)Y(M` ``E` ``$`?@(%=!
M,%( `2E1;4TU44#HJ8B+R0 <P+B&0=VL(`<#8!/0.@J$/@M&WQ5B#`$@@!^!
M)7)C!4 A<_<AU0J$`Y\Q)B\G."B0*; \A*L\@5&\Z(Z!"0G!34TE`*`]\L[RW_
M(`Y&`V$0,3-1(\00SS#6+G\UGS:0-U@T##`8,4\G.5"<96\+4"&@`V!U= N
M#R-@R` ``$`<&EC:Z0@90#0:" E@&@$D`*`T#S#?`H\]@`8$D" -L(<!D` ,0
M!`!09B!S`W#[( : ]H&D+(#5@`L \0 >1M`%U)8!A/$` "( "XCH/I9"&@!T`#
M( #0!4 ?0#IK(:!A/> \^_T /(&(_(8 ]8D(`T`0#0A:VG\9',X748?1RXK
MKTJ02[^M)Z$A4"8S44D4L$T&`*A)0TL@L$90T%0S40]0)U C3/]`#T\`"H0W
M7U>/QS=0`I0%`'5S80VP"N`_5*Y6+UR_7<\X&5+_5 ]5'ZP@10W0)Z%I03 @
M!W#]!X!D!S 3T#R!4. #\ $1A?QN 0U`D`5`:/: !#D`]5(%AG;R`$8V/19$/A
M26] ?GV"08;]D1&(AH!& </IP(R!T9? *L`01!X%:0/IG!Y%W0H ]86.P&X`G
ML/\@1N "V 3T&KR+V%"$!`WBQF[V?_ :0\]@`!F0D.Q_2%09CPP"``AH`GP
M$8!(D/L3X`GP=$F0;Q]P+TS8`P]G(!@*A5#<@W5JP!LA(.9Y1"$>H#`E(M1#
MX%Z^U#1&X!S<7`GL3U#<7%"/QN)T`1//`#` ``'2` ``!`L/D%$&=H90%E\!/
M:3(\P/\A4$AP!4!KT`5`03%JX6R!WT*P0?$]L`K`"X!G?L%$0/L!@%$!-1H0
M&X!Q<#Q`0Z+W<S8*A402=P20(:!_DVM`/W(P?J(#H%HP@+(JH2`G:D-:)"<C
MH`<%L&:16M<]0!L0!4 H>] I1$%".(:)`$`Q!`"!K`6T+@&:0>LL/>KL+-QD"
M`= @1W=Y%0.@4@G09"%!55$"]$5,"J-0`- (4&. C%+[1/`%0%):4$.P$Y43
M(%]C`GV.D` ``P`0$` ````#`!$0` ````$` ``!S`@` :Z>`E*` ``4` ``#`@` :Z>
: `E*` ``1X`/0`!` ````!0` ````%)%B` ```` ``_Y0`
`
end

```

25. Re: [BBSSIG:2825] Reprimand !!!

From: rmackay@cycor.ca (Ron VE1AIC)
 Date: Tue, 4 Jun 1996 08:23:05 -0300
 To: bbssig@tapr.org
 Message-ID: <199606041123.IAA07975@bud.peinet.pe.ca>
 Rendered body type: text/plain

```

>
>It amazes me that the occasional request for help is still met
>with good comments. Thanks again to Karl and others for helping
>folks with the latest BPQ questions.
>
>
>
>If you happen to be unhappy with my position. You can:
>1. Go away - I hope a few of you take this option.
>2. Stay in you seat, stop chewing gum and pay attention.
>3. Write an email to Greg Jones telling him how I'm all wrong
> and should be removed from the BBSSIG.
>
>Barry
>

```

Thanks Barry for stepping in and hopefully clearing out the deadwood. I know that there are many not-so-expert users out watching and appreciate this forum but refrain from posting on it for fear of the rock-throwing that I wrote about before.

I don't mind at all if the "discussion" about InterNet fwding continues as long as its rational discussion and not just rock-trowing. Hopefully some good ideas on alternates could be covered instead of just saying "its bad, dont do it".

As for point 3 Barry, I would think that Greg agrees with you 100% since his last note so very directly hit on this issue.

Thanks Barry, for your continued support and patience for this SIG.

73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

26. Re: [BBSSIG:2825] Reprimand !!!

From: "Brian A. Lantz" <brian@lantz.com>
Date: Tue, 4 Jun 1996 07:43:33 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960604073936.26212C-100000@lantz.com>
Rendered body type: text/plain

On Mon, 3 Jun 1996, Barry Buelow WA0RJT wrote:

> If you don't fall into any of the subsets listed above, then let
> me ask if you VOTED. Well the outcome of the vote was NO; do not
> post to packet. My thanks to the 9 people who voted.

This is unfortunate. I would expect TAPR to 'lead', not to follow. In this case, it is doing neither.

For the record, I've noticed a lot (if not all) of the TAPR sigs are already being reflected to *@WW. I guess no one told them that information about packet radio is to be greedily hoarded FROM packet radio ;-)

> If you happen to be unhappy with my position. You can:
> 1. Go away - I hope a few of you take this option.
> 2. Stay in you seat, stop chewing gum and pay attention.
> 3. Write an email to Greg Jones telling him how I'm all wrong
> and should be removed from the BBSSIG.
>

This WAS in your REVERSED order of preference, huh Barry! ;-D

Brian A. Lantz http://www.lantz.com brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

27. [BBSSIG:2822] re:Re: A few thoughts on the current

From: n8ydt@nwohio.com
Date: Tue, 4 Jun 1996 07:57:32 -0500
To: bbssig@tapr.org
Message-ID: <TCPSMTP.16.6.4.7.57.32.2312803752.257993@nwohio.nwohio.com>
Rendered body type: text/plain

BB>Received: from tapr.org [206.210.220.85] by nwohio.nwohio.com with smtp
BB> id AODCBHBB ; Mon, 3 Jun 1996 14:50:24 -0500
BB>Received: from tapr.org (localhost [127.0.0.1]) by tapr.org (8.7.5/8.7.3/1.9
BB>Date: Mon, 3 Jun 1996 12:59:04 -0500 (CDT)
BB>Message-Id: <vines.cQJ8+bRmg1A@BAMATEMPE.CELL1.COM>
BB>Reply-To: bbssig@tapr.org
BB>Originator: bbssig@tapr.org
BB>Sender: bbssig@tapr.org
BB>Precedence: bulk
BB>From: "Daniel J. Meredith" <DMeredith@cell1.com>
BB>To: bbssig@tapr.org
BB>Subject: [BBSSIG:2822] re:Re: A few thoughts on the current de
BB>X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
BB>X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group

BB>-----[Reply - Original Message]-----

BB>More whining, with no suggestions for action.

BB>I am making such a suggestion: route around those who use the
BB>telephone to bypass radio links. Remove them from the RADIO

29. [BBSSIG:2835] RE: Reprimand !!! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 4 Jun 1996 22:33:27 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606050333.WAA21888@zeus.ia.net>
Rendered body type: text/plain

Sender: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Subject: RE: Reprimand !!!

'Way to go, Barry! I deal with this type of behaviour on a day-to-day basis teaching in a Middle School (Jr HS), so I just skipped over the messages simply to preserve my sanity - hi!

73, Ed

30. Moderated

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 4 Jun 1996 22:40:19 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606050340.WAA22072@zeus.ia.net>
Rendered body type: text/plain

The BBSSIG is now moderated.

Barry

31. Re: [BBSSIG:2840] Re: A few thoughts on the current debate

From: Greg Jones <wd5ivd@tapr.org>
Date: Wed, 5 Jun 1996 08:40:58 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606051340.IAA27204@tapr.org>
Rendered body type: text/plain

The BBS SIG Page on the TAPR Web page (under SIG) has the list as of a few years ago in the hier recommendation.

Cheers - Greg

>
> Um, where can I obtain a list of hierarchical designators?
> I mean from I.S.O.
> The only hierarchical list I have shows
> na north america
> nam namibia.
>
> Chuck nc8q@nc8q.#day.oh.usa.n?*
>
>
>

32. [BBSSIG:2840] Re: A few thoughts on the current debate (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:10:47 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606060310.WAA16528@zeus.ia.net>
Rendered body type: text/plain

Charles E. Gelm wrote:

>From bbssig@tapr.org Tue Jun 4 23:12:10 1996
Date: Tue, 4 Jun 1996 22:38:21 -0500 (CDT)
Message-Id: <199606050328.WAA21794@zeus.ia.net>
Reply-To: bbssig@tapr.org
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Charles E. Gelm" <gelmce@erinet.com>
To: bbssig@tapr.org
Subject: [BBSSIG:2840] Re: A few thoughts on the current debate
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text
X-Mailer: ELM [version 2.4 PL24]

Um, where can I obtain a list of hierarchical designators?
I mean from I.S.O.
The only hierarchical list I have shows
na north america

nam namibia.

Chuck nc8q@nc8q.#day.oh.usa.n?*

33. [BBSSIG:2841] RE: Reprimand !!! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:11:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606060311.WAA16538@zeus.ia.net>
Rendered body type: text/plain

EDWARD J. SADOWSKI, JR. wrote:
>From bbssig@tapr.org Tue Jun 4 23:13:02 1996
Date: Tue, 4 Jun 1996 22:40:43 -0500 (CDT)
Message-Id: <199606050333.WAA21888@zeus.ia.net>
Reply-To: bbssig@tapr.org
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
To: bbssig@tapr.org
Subject: [BBSSIG:2841] RE: Reprimand !!!
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text
X-Mailer: ELM [version 2.4 PL24]

'Way to go, Barry! I deal with this type of behaviour on a day-to-day basis teaching in a Middle School (Jr HS), so I just skipped over the messages simply to preserve my sanity - hi!

73, Ed

34. [BBSSIG:2844] Re: A few thoughts on the current debate (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:12:12 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606060312.WAA16559@zeus.ia.net>
Rendered body type: text/plain

Greg Jones wrote:
>From bbssig@tapr.org Wed Jun 5 09:50:01 1996
Date: Wed, 5 Jun 1996 08:51:38 -0500 (CDT)
Message-Id: <199606051340.IAA27204@tapr.org>
Reply-To: bbssig@tapr.org
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Greg Jones <wd5ivd@tapr.org>
To: bbssig@tapr.org
Subject: [BBSSIG:2844] Re: A few thoughts on the current debate
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text
X-Mailer: ELM [version 2.4 PL25]
In-Reply-To: <199606050328.WAA21794@zeus.ia.net> from "Charles E. Gelm" at Jun 4, 96 10:38:21 pm

The BBS SIG Page on the TAPR Web page (under SIG) has the list as of a few years ago in the hier recommendation.

Cheers - Greg

>
> Um, where can I obtain a list of hierarchical designators?
> I mean from I.S.O.
> The only hierarchical list I have shows
> na north america
> nam namibia.
>
> Chuck nc8q@nc8q.#day.oh.usa.n?*

35. [BBSSIG:2846] Re: MSYS questions (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:15:05 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199606060315.WAA16659@zeus.ia.net>
Rendered body type: text/plain
Sender: rsbaker@dove.mtx.net.au (Rodney S Baker)
Subject: Re: MSYS questions

Hi guys. Apologies if I'm a bit behind on this thread...

On Thu, 11 Apr 1996 07:51:01 -0500 (CDT) you wrote:

```
>>There are several relatively simple circuits for resting a BBS.  
>>DTMF off the air decoding is one possibility, the other is a simple  
>>telephone ring counter. That will work if the pc is hung and the  
>>phone doesn't get answered.  
>>  
>  
>Another method which is a bit slower but works.  
>  
>Monitor the rs232 data-out lines from the pc.  
>If no activity on the line during a xx-minute-period RESET the pc.  
>The data pulses will reset the timer.  
>
```

These methods are both well and good on a PC running DOS and Desqview or Windows etc but are not good for machines running operating systems which require the system to be shut down correctly before rebooting eg Unix/Linux, OS/2 or Win95/WinNT.

In the case of OS/2 you can get away with it if you run the FAT file system but if you run HPFS you need to shut the operating system down and clear out the file system buffers before you reboot. If you don't OS/2 is generally configured to run CHKDSK automatically at startup (HPFS senses if it wasn't shut down properly and triggers the CHKDSK program) and this can significantly increase the time for the operating system to start up again, especially with a large HD.

Re BPQ, there is also a version available which runs under OS/2. In fact, I think the BPQ 4.08a archive has the OS/2 and Windows drivers included anyway. There are 2 OS/2 device drivers which load from CONFIG.SYS and handle all the switch functions. Any DOS programs running in DOS sessions can then access the BPQ switch. I know the F6FBB BBS program works fine under this system and so do TPK and TSTHOST (2 DOS packet terminal progs designed to interact specifically with FBB). MSYS should also work fine. If it can be configured to talk to BPQ under DOS it will work the same way under OS/2.

Regards,
Rod. VK5ZTV (co-sysop of VK5TTY BBS).

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | My other .sig file is boring too!
Email      : rsbaker@dove.mtx.net.au        |
=====
```

36. Current discussions

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:27:46 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199606060327.WAA16861@zeus.ia.net>
Rendered body type: text/plain

Folks,

There are a few msgs in the queue here which seem to have been caught in the time warp before/after moderating. I've still got them here.

One or two msgs related to HF forwarding specifics. I'll post those tonight. A few on Internet addressing, I'll hold if you dont mind.

However, in order to focus the discussions a bit more to the IMPLIMENTATION of HF forwarding (as opposed to the philosophy of why one would want to do it), let me ask that members comment on technical and operating aspects of HF forwarding.

What modems, what modes, what rigs?

Seems that I've asked before what nets are operating? As an HF net participant, I'm not at all well informed as to what frequencies and locations are represented on HF nets.

What ever happened to the program from the UK that was an "improved" APLINK? More like packet than RTTY.

I suggest that we discuss this topic from now until the July 4 holiday when we can summarize the discussion and move on to something new. Mr Rogers would ask "Can you say 'CLOSURE' ?"

So now let's all hug our monitors as a demonstration of our togetherness and write nice things with bright colored crayons. Children, stop eating the glue!!!

Barry

37. [BBSSIG:2839] Re: Reprimand !!! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:28:42 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606060328.WAA16882@zeus.ia.net>
Rendered body type: text/plain
Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: Reprimand !!!

At 06:40 AM 6/4/96 -0500, velaic wrote:

>I don't mind at all if the "discussion" about InterNet fwding continues as
>long as its rational discussion and not just rock-throwing. Hopefully some
>good ideas on alternates could be covered instead of just saying "its bad,
>dont do it".

There are at least three viable alternates that I am personally aware of. They all support long haul links, at fairly low data rates, but data rates that will allow for the forwarding of all the bulletins.

1. Long haul 1200 baud links on 28 Mhz and above. Moderate power (100W or so), moderate antennas (e.g. pair of 11 el on 2m). Reliable path lengths of over 200 miles on 2M.
2. HF packet. 300 baud. Moderate antennas (tribander, dipoles). Moderate power (e.g. 100W). When done as a point-to-point link can not quite handle the total amount of bulletin traffic. TOR is similar in throughput.
3. HF CLOVER. Variable data rate. Can handle full bulletin traffic on a shared channel (I'm doing this with wblsw on 20M as I write).

Yes, there is some cost involved. For any of the HF modes to be a success, you need at least a tribander, 100W radio with 10 Hz readout and 10 Hz stability, plus the modem. My station is a typical "near high end" system: Kenwood TS-850, Cushcraft A3, PCI-4000 for CLOVER; junker Kenwood TS-930, KAM, dipole for packet. For long haul vhf/uhf there is also a cost: amplifier, yagis, good feedline.

I've been doing long haul links since January of 1984. They work. Yes, they are "slow". But at least they get the traffic through, using ham radio. Once the traffic can get through, then we can ask the users to help support the operation of the links. I've found my users to be cooperative and helpful (i.e. they will climb towers, make up cables, and donate money or gear if asked ... and sometimes will do these things even if not asked!)

Speaking only for the Pacific NW:

This is all well and good, and has worked for many years. However, the existing HF links no longer carry any significant bulletin traffic here. Why is this? Because the folks who use the telephone can get those bulletins into the area faster. They do so. The bulletin traffic does not forward via the long haul links because they have been pre-empted by the telephone links. Thus there is no pressure to maintain the long haul links, much less upgrade them to 9600 baud.

Specific example: Northern / Southern Oregon links.

There are (at least) three different links between N/S Oregon. All are 1200 baud long haul 2M / 220 / 70cm links. As of this morning, all three links are down.

One link went down early last winter. It has not been repaired.

One link went down a few months ago. It has not been repaired.
The third link went down last night.
A fourth temporary link is being used for minor amounts of forwarding.

There is no pressure to repair these links because the traffic still gets through just fine; over the telephone. There is a good probability these links will never be maintained and will never be upgraded to faster data rates; the pressure to do so is gone.

If this group feels that this is the best way to support ham radio (using the telephone), then I for one will probably go away.

If we fail to build a digital RADIO network, I'll go back to DXing, ragchewing, and contesting. Yes, I'll continue to use the telephone for the same things I use it for now, including talking with hams. But I won't be talking to them about building a digital network.

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM	

38. Copying msgs

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 5 Jun 1996 22:35:17 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199606060335.WAA16992@zeus.ia.net>
Rendered body type: text/plain

Folks,

Could you be a bit more carefull when copying previous comments. By that I mean could you clip them down rather than copying large portions of the original msgs. I've received several comments concerning this.

Thanks,
Barry

39. Letter from FCC regarding LEO issue (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 6 Jun 1996 13:08:09 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199606061808.NAA03282@zeus.ia.net>
Rendered body type: text/plain

Here is an interesting _NEWS ITEM_

Thanks Brian for sending this.

Barry

Brian A. Lantz wrote:

>
<snipped the headers>

> From: Fred Maia <fmaia@internetmci.com>
> Subject: Letter from FCC
>
> The following letter was received from the FCC today. I am releasing it to
> the amateur community since I believe it to be of general interest. It
> concerns the recent publicity about consideration being given by a WRC-97
> Industry Advisory Committee to future use of the 144-148 and 420-450 MHz
> bands for commercial low-earth orbiting (LEO) satellites. I feel it would
> be advantageous to give this information the widest possible distribution,
> therefore you may redistribute it without limitation.
> 73/Fred/W5YI
>
> -----
> Federal Communications Commission
> Washington, DC
> International Bureau
> Satellite and Radiocommunication Division
> Room 500, 2000 M Street, N.W.
> Washington, DC 20554
>
>
> June 5, 1996
>

> The W5YI Group, Inc.
> Fred Maia, W5YI - Editor
> P.O. Box 565101
> Dallas, TX 75356
>
> Dear Mr. Maia:
>
> In recent days, over 1,000 members of the Amateur Radio community
> have contacted me regarding the upcoming 1997 World Radiocommunication
> Conference in Geneva and expressed strong concern that U.S. proposals will
> impact adversely on spectrum allocated for Amateur bands. My purpose in
> writing to you is to respond to these concerns and to provide you with
> additional information regarding the WRC-97 preparatory process and its
> relation to existing services.
> Many of the comments I received have focused on a list of
> "candidate" frequency bands discussed at the May 7 meeting of the WRC-97
> preparatory Industry Advisory Working Committee Informal Working Group 2A
> (IWG-2A). The comments suggest that the Amateur Radio Service bands,
> specifically the 144-148 and 420-450 MHz bands, have been targeted as a
> source of spectrum for future Mobile Satellite Service (MSS) operations.
> First, I want to assure the amateur radio community that no amateur
> bands have been selected for reallocation. The list of bands generated on
> May 7th represent only the IWG-2A's initial efforts to study spectrum use
> below 1 GHz in order to assess the feasibility of proposing world-wide MSS
> allocations in that range. Before recommending preliminary proposals for
> consideration by the Commission, IWG-2A participants must first conduct
> sharing studies among a range of services using frequencies below 1 GHz.
> These studies are necessary in order to determine the feasibility of sharing
> between services, and whether recommending any specific frequency band will
> be fruitful.
> Second, the bands listed reflect only the initial component of a
> long-term effort to conduct sharing studies before submitting the
> Committee's proposals to the Commission for review. We intend to conduct
> sharing studies in bands currently occupied by government and non-government
> users. In any case, I want to emphasize that the survey on spectrum use is
> an international matter which involves all frequencies below 1 GHz.
> Finally, the current WRC-97 preparatory process, as in years past,
> operates under a Congressional statute designed to encourage maximum
> participation by all interested parties. Therefore, all written and
> electronic comments received at the Commission to date by Amateur Radio
> operators have been included as part of the public record on WRC-97
> proceedings. However, in the interest of efficiency, we have created a
> designated FCC office and e-mail site to channel future WRC-97 comments
> directly to the WRC-97 Committee Chairs. I have included our latest Public
> Notice outlining these changes and urge you to share it with your members.
> I appreciate the many valuable contributions the amateur radio
> community has made to the progress of radio technology and to ensuring the
> safety of the American public. I look forward to working with you so that
> we can continue to advance the use of exciting telecommunications technology
> both in the U.S. and abroad.
>
> Sincerely
> s/ Cecily C. Holiday
> Director, WRC-97 Preparatory Team
> Enclosure
> -----
> Federal Communications Commission
> Public Notice - June 6, 1996
>
> PROCEDURES FOR SUBMITTING COMMENTS TO THE WRC-97 ADVISORY COMMITTEE
>
> On March 14, 1996, the Committee released Public Notice (No. 61997)
> (Streamlined Notice), that announced its new streamlined World
> Radiocommunications Conference (WRC) preparatory process. Under this new
> process, formal Notice of Inquiry (NOI) proceedings are eliminated in favor
> of developing WRC proposals in the Commission's WRC-97 Advisory Committee.
> This removes the redundancy that was inherent in our previous "NOI-WRC
> Advisory Committee" process and enables the United States to respond more
> effectively to the rapidly evolving international environment and to the
> ITU's new two-year WRC schedule.
>
> The Streamlined Notice included general guidelines for submission of public
> comments to the Advisory Committee. The Notice states that procedures would
> be developed to ensure that members of the public continue to have full
> opportunity to participate in the development of WRC proposals under the new
> streamlined process, including those parties who do not attend meetings of
> the Advisory Committee and IWGs.
>
> Since the release of the Streamlined Notice, we have gained experience with

>of HF forwarding (as opposed to the philosophy of why one would want to
>do it), let me ask that members comment on technical and operating aspects
>of HF forwarding.
>
>What modems, what modes, what rigs?

Any "modern" transceiver which has rs-232 control capability,
10 Hz readout, 10 Hz stability. Can be done without the rs-232
interface (fixed frequency). For the Kenwood radios, anything
from the ts-430 onward work quite well.

First choice is CLOVER.
Second choice is PACTOR II.
Third choice is "other TOR modes".
Fourth choice is 300 baud packet.

>Seems that I've asked before what nets are operating? As an HF net
>participant, I'm not at all well informed as to what frequencies and
>locations are represented on HF nets.

CLOVER can be found throughout the auto-control subsegments.
It is a "scanning" mode, like the TORs. There is only one "net"
if you could call it that. We all talk to each other, and try
to spread the traffic and optimize coverage. Now and again we
even talk on the telephone to solve immediate problems when they
crop up. The "CLOVER gang" is a pretty easy going group - always
welcome new participants.

>What ever happended to the program from the UK that was an "improved"
>APLINK? More like packet than RTTY.

Can only speak to CLOVER and packet, since I've not run the TORs
other than for short periods of testing. WinLink handles "all of
the above" but is missing some key features (compression, fully
automated operation). My code supports CLOVER and packet.

>I suggest that we discuss this topic from now until the July 4 holiday
>when we can summarize the discussion and move on to something new.
>Mr Rogers would ask "Can you say 'CLOSURE' ?"

>

>So now let's all hug our monitors as a demonstration of our togetherness
>and write nice things with bright colored crayons. Children, stop
>eating the glue!!!

Ouch! Sharp corners on this monitor case ...

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

41. TAPR move

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 7 Jun 1996 18:10:03 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606072310.SAA02632@zeus.ia.net>
Rendered body type: text/plain

Folks

It seems the TAPR move announcement snuck out a bit prematurely.
I'll keep you posted of a new schedule when I get one.

73 Barry

42. [TAPR-SYS:455] TAPR Internet Move (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 7 Jun 1996 18:07:12 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199606072307.SAA02565@zeus.ia.net>
Rendered body type: text/plain

Greg Jones wrote:

>From tapr-sys@tapr.org Thu Jun 6 15:55:39 1996
Date: Thu, 6 Jun 1996 15:54:50 -0500 (CDT)
Message-Id: <199606062047.PAA04716@tapr.org>
Reply-To: tapr-sys@tapr.org

Originator: tapr-sys@tapr.org
Sender: tapr-sys@tapr.org
Precedence: bulk
From: Greg Jones <wd5ivd@tapr.org>
To: tapr-sys@tapr.org
Subject: [TAPR-SYS:455] TAPR Internet Move
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio System maintainer's list
Content-Type: text
X-Mailer: ELM [version 2.4 PL25]

Please pass along to your SIGs.

Cheers - Greg

--

The TAPR Internet site will be moving the week of June 10th. During this week, the TAPR.ORG site will move from our current home at DataRace in San Antonio, Texas to Fibercom also located in San Antonio. This will be a move from an ISDN to a T1 located at a site with connections to 3 major backbones.

This has been in the works for sometime now and we are all very happy to see the move finalized and happening. This should significantly improve the speed and reliability of TAPR's network connection.

For most users the move should be transparent, other than a few hours down time while the system is physically moved. For those few folks still having trouble with DNS, here are the new IP address:

tapr.org 204.17.217.20

This address won't be active until the move, so don't change anything yet.

If the dates slips due to some reason, we will let everyone know.

Many thanks to Lee, N5LYT for this great support in the TAPR.ORG system.

Cheers - Greg, WD5IVD

43. [BBSSIG:2864] Re: Current discussions; HF fwding (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 7 Jun 1996 18:11:39 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606072311.SAA02663@zeus.ia.net>
Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: Current discussions; HF fwding

>
>However, in order to focus the discussions a bit more to the IMPLIMENTATION
>of HF forwarding (as opposed to the philosophy of why one would want to
>do it), let me ask that members comment on technical and operating aspects
>of HF forwarding.
>
>What modems, what modes, what rigs?
>
>Seems that I've asked before what nets are operating? As an HF net
>participant, I'm not at all well informed as to what frequencies and
>locations are represented on HF nets.
>

Good idea Barry, perhaps its a good starting point to have people list these modes, freq, groups that they fwd on. In my case I'm getting tired (or is it lonely) on the present 20M freq which has only personal mail and not much of that..maybe a couple of msgs a day.

Hardly worth having all that gear powered up.

A few years ago I was with the 21.097 group and that worked very well fwding mail & bulletins but then that band dropped out and has not returned.(at least to my knowledge)

Even 20M is not that great a lot of the time compared to a few years ago when I used to shut of the preamp on my IC745 so that the DCD light would go out, the signals were so strong and the freq so busy.

So hears my infot:

LOC'N: Charlottetown, PE, CAN
XCVR: IC745 100W
ANT: 3 ELE Tri-bander at 45ft

FREQ: 14.089 mhz (LSB AFSK)
GROUP: SkipNet, Net Manager W8AKF
TNC: MFJ 1274
OTHER PORTS: 441.000, 446.100, 147.510mhz
LOCAL FWDING: Maritimes Canada VE0, VE1, VE9, VY2

73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

44. aaltternative HF

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 7 Jun 1996 18:06:26 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199606072306.SAA02552@zeus.ia.net>
Rendered body type: text/plain

Sender: Gwyn Reedy <gwyn@paccomm.com>
Subject: Re: Reprimand !!!

On Wednesday, June 05, 1996 6:47 PM, Hank Oredson[SMTP:Hank_Oredson@mentorg.com] wrote:
>There are at least three viable alternates that I am personally aware of.
>They all support long haul links, at fairly low data rates, but data
>rates that will allow for the forwarding of all the bulletins.
>
>1. Long haul 1200 baud links on 28 Mhz and above. Moderate power
> (100W or so), moderate antennas (e.g. pair of 11 el on 2m).
> Reliable path lengths of over 200 miles on 2M.
>
>2. HF packet. 300 baud. Moderate antennas (tribander, dipoles).
> Moderate power (e.g. 100W). When done as a point-to-point
> link can not quite handle the total amount of bulletin traffic.
> TOR is similar in throughput.
>
>3. HF CLOVER. Variable data rate. Can handle full bulletin traffic
> on a shared channel (I'm doing this with wblsw on 20M as I write).
>

I offer two additional suggestions. (Not meant as a commercial plug, but these happen to be two products my company produces, thus my awareness of them.)

3. HF packet using 1200 baud PSK modulation. First touted by W3IWI in the mid-80's after a modest power QSO with New Zealand. I believe this is in use by many non-US amateurs on HF.

4. PACTOR-II. Comparable to the high-end Clover capability, but potentially faster. [I don't want to start any Clover vs. PACTOR-II wars here - please!]. Not yet as widely available, but I presume we are talking about setting up new HF links to build a better network, so new links = new equipment.

Regarding Hank's comment about 1200 baud on 28MHz and higher - Didn't the rules change about 1-2 years ago removing the 300 baud HF limit? I sometimes can't remember what is proposed and what is finally adopted. I'm thinking that you can 'run what you brought' as long as you limit bandwidth occupancy.

Gwyn Reedy, WIBEL
PacComm Packet Radio Systems

45. [BBSSIG:2869] Re: HF (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 8 Jun 1996 21:06:28 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606090206.VAA26705@zeus.ia.net>
Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: HF

[snip]
>I offer two additional suggestions. (Not meant as a commercial plug, but
>these happen to be two products my company produces, thus my awareness of
>them.)
>

>3. HF packet using 1200 baud PSK modulation. First touted by W3IWI in the
>mid-80's after a modest power QSO with New Zealand. I believe this is in
>use by many non-US amateurs on HF.
>
>
>Gwyn Reedy, W1BEL
>PacComm Packet Radio Systems
>

Good question Gwyn, what ever *did* happen to 1200b PSK on 20M? Back then we had heard that our whole 20M BBS segment was going to be re-drawn because of the switch to PSK and its wider bandwidth. Looking at 14.107-14.113 today it's still the same old 300b AFSK clinking away. By the way Gwyn, what does the 1200b PSK sound like, maybe we can find someplace thats using it. I understand there was some 1200b on 28Mhz but not sure if it was PSK or AFSK. Also at that time W3IWI was experimenting with DSP for 300b packet. Anyone have any practise with that, and will it greatly improve 300b HF Packet or should would be looking for better modes?

73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

46. [BBSSIG:2871] Re: Reprimand !!! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 9 Jun 1996 09:45:47 -0500 (CDT)
To: bbssig@taapr.org
Message-ID: <199606091445.JAA09977@zeus.ia.net>
Rendered body type: text/plain

Sender: "Stan Vandiver" <kd9be@thor.pla-net.net>
Subject: Re: Reprimand !!!

Gwyn Reedy, W1BEL wrote:

>
> 3. HF packet using 1200 baud PSK modulation. First touted by W3IWI in the
> mid-80's after a modest power QSO with New Zealand. I believe this is in
> use by many non-US amateurs on HF.
>
> Regarding Hank's comment about 1200 baud on 28MHz and higher - Didn't the
> rules change about 1-2 years ago removing the 300 baud HF limit? I
> sometimes can't remember what is proposed and what is finally adopted. I'm
> thinking that you can 'run what you brought' as long as you limit bandwidth
> occupancy.

Hi Gwyn & all...

I think you and I went over this not too long ago. I still find nothing that indicates the rules were ever changed to permit this. But I'd be very happy to find out I'm wrong! The rules were changed to allow "unspecified" codes (ie, pactor, gtor, etc)... but I believe the baud rate remains at 300 max below 10 meters.

Best regards, Stan/KD9BE
Portage, Indiana

47. [BBSSIG:2876] Problems with the TAPR CD ? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 13 Jun 1996 08:03:12 -0500 (CDT)
To: bbssig@taapr.org
Message-ID: <199606131303.IAA22243@zeus.ia.net>
Rendered body type: text/plain

Sender: ferracci@imaginet.fr (Laurent Ferracci - F1JKJ)
Subject: Problems with the TAPR CD ?

Hi,

[illegible]

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 19 Jun 1996 22:12:12 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606200312.WAA00801@zeus.ia.net>
Rendered body type: text/plain

Sender: Steve Ashenfelter <n8xsf@ix.netcom.com>
Subject: Re: PacComm blues

```
*****
* Steve Ashenfleter N8XSF           Northwest Ohio Skywarn Home page      *
* n8xsf@ix.netcom.com              http://www.geocities.com/Yosemite/1256 *
* N8XSF@N8XSF.#NW0H.OH.USA.NA      73's to all! We need it!           *
*****
```

Has anybody done this already before I start off and write this FBB

sever.

73 Peter VK3AVE
Sysop VK3BBS (F6FBB BBS)
VK3BBS-2 (Clusse DX Cluster)

```
-----
----- Peter Hallgarten SMA -----
----- PHallgar@sma.gov.au Spectrum Management Agency -----
----- +61 3 9685-3519 An Australian Government Agency -----
-----
```

59. [TAPR-SYS:461] Tapr.org move rescheduled (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 20 Jun 1996 21:44:48 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606210244.VAA28240@zeus.ia.net>
Rendered body type: text/plain

Lee Ziegenhals wrote:
>From tapr-sys@tapr.org Thu Jun 20 14:15:07 1996
Date: Thu, 20 Jun 1996 14:13:19 -0500 (CDT)
Message-Id: <Pine.WNT.3.94.960620135529.-136293A-100000@belknap.fibr.net>
Reply-To: tapr-sys@tapr.org
Originator: tapr-sys@tapr.org
Sender: tapr-sys@tapr.org
Precedence: bulk
From: Lee Ziegenhals <n5lyt@tapr.org>
To: tapr-sys@tapr.org
Subject: [TAPR-SYS:461] Tapr.org move rescheduled
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio System maintainer's list
Content-Type: TEXT/PLAIN; charset=US-ASCII
MIME-Version: 1.0

As you no doubt noticed, the system was not moved on Tuesday. I have rescheduled the move for Friday (tomorrow), starting at 3:30 PM. The system will go down at that time, and should be back up and running at the new location by 7 PM.

My apologies for the inconvenience. Please let your mailing lists know of the downtime.

Thanks,
Lee

60. [BBSSIG:2900] Re: FBB Server for DX Cluster Databases (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 21 Jun 1996 18:45:21 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606212345.SAA23247@zeus.ia.net>
Rendered body type: text/plain

Sender: "Dean R. Madsen, KE0W0" <dmdadsen@nwiowa.com>
Subject: Re: FBB Server for DX Cluster Databases

At 09:46 PM 6/20/96 -0500, you wrote:
>Hello,
> I am thinking of writing a FBB server that will read and obtain
>information from the standard DX Clsuter Databases (as I have a number of
>these mounted on the LAN at home for me Clusse Cluster).
>
> Has anybody done this already before I start off and write this FBB
>sever.
>

Yes. A year ago February I wrote a DX server that took the packet cluster .ADD and .QSL files and put them in a database. During FBB housekeeping, a database maintenance program would run and prepare DX Update messages for other FBB systems running my DX server.

A copy of the package should be on ftp.funet.fi in the /pub/ham/packet/bbs/f6fbb/servers subdirectory as KE0W0DX2.ZIP. Warning: It is over 2MB!

73,
Dean - KE0W0

```

+-----+
+ Dean R Madsen, KE0WO                                Computer Science Major +
+ Internet: dmadsen@iastate.edu                        Iowa State Univeristy    +
+      ke0wo@iastate.edu                                Ames, Iowa          +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA      FBB Beta tester      Cellist      +
+      Secretary for the Tristate Amateur Packet Association    +
+      Treasurer for the Cyclone Amateur Radio Club              +
+-----+

```

61. [BBSSIG:2902] help on 4re importing of bulls (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
 Date: Wed, 26 Jun 1996 15:25:01 -0500 (CDT)
 To: bbssig@tapr.org
 Message-ID: <199606262025.PAA17806@zeus.ia.net>
 Rendered body type: text/plain

Sender: Richard Choy <rixy@crosslink.net>
 Subject: help on 4re importing of bulls

Can anyone help me out on an "import" operation on my AA4RE BBS?
 I have a need to import bulls from another board while the radio link is
 down for awhile. I have been sucessfully able to do one or two bulls in
 one text file, but any more, and the board crashes. The file that I'm
 importing is coming from an FBB board, and the format is good.
 First line SB(command), second line is the title, all other lines are the
 text, followed by an /EX. Like I said, it works with one or two, but
 crashes with more. Does anyone have an idea?
 Thanks in advance. Rick N3HXT.VA.USA.NOAM
 P.S. Does the path (:Rxxxxxxx) mess anything up?

62. [TAPR-SYS:464] TAPR.ORG New Site (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
 Date: Wed, 26 Jun 1996 15:25:32 -0500 (CDT)
 To: bbssig@tapr.org
 Message-ID: <199606262025.PAA17816@zeus.ia.net>
 Rendered body type: text/plain

Greg Jones wrote:

>From tapr-sys@tapr.org Wed Jun 26 03:39:56 1996
 Date: Wed, 26 Jun 1996 03:39:20 -0500 (CDT)
 Message-Id: <199606260825.DAA13124@tapr.org>
 Reply-To: tapr-sys@tapr.org
 Originator: tapr-sys@tapr.org
 Sender: tapr-sys@tapr.org
 Precedence: bulk
 From: Greg Jones <wd5ivd@tapr.org>
 To: tapr-sys@tapr.org
 Subject: [TAPR-SYS:464] TAPR.ORG New Site
 X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
 X-Comment: Tucson Amateur Packet Radio System maintainer's list
 Content-Type: text
 X-Mailer: ELM [version 2.4 PL25]

Please pass along to your SIGs.

Greg

Forwarded message:

From: Greg Jones <wd5ivd@tapr.org>
 Subject: TAPR.ORG New Site
 Date: Wed, 26 Jun 1996 03:24:57 -0500 (CDT)

The TAPR Internet site was moved several miles closer to San Antonio, Texas
 -- to its new home at Fibrcom on June 21st, 1996.

Access to TAPR.ORG should be much improved, since we are now connected via
 T1s to MCI, Sprint, and CIX backbones.

For most users the move should have be transparent. For those few folks
 still having trouble with DNS, here is the new IP address:

tapr.org 204.17.217.20

This new site will last our needs for sometime to come.

TAPR would like to thank Lee Ziegenhals, N5LYT, and Fibrcom for their
 support of our Internet site.

63. [BBSSIG:2905] Re: help on 4re importing of bulls (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 27 Jun 1996 14:14:10 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606271914.OAA14854@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: help on 4re importing of bulls

Rick, FBB makes a file in standard wa7mbl format that every pbbs is capable of importing that I am aware of. Your problem sounds like one of setup. I suggest you look with care at your setup and that perhaps you don't have a directory that aa4re expects to find, like c:\temp or such.

At 03:32 PM 6/26/96 -0500, you wrote:
>Can anyone help me out on an "import" operation on my AA4RE BBS?
>I have a need to import bulls from another board while the radio link is
>down for awhile. I have been successfully able to do one or two bulls in
>one text file, but any more, and the board crashes. The file that I'm
>importing is coming from an FBB board, and the format is good.
>First line SB(command), second line is the title, all other lines are the
>text, followed by an /EX. Like I said, it works with one or two, but
>crashes with more. Does anyone have an idea?
>Thanks in advance. Rick N3HXT.VA.USA.NOAM
>P.S. Does the path (:Rxxxxxxx) mess anything up?
>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

64. [BBSSIG:2906] RE: help on 4re importing of bulls (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 27 Jun 1996 14:14:40 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606271914.OAA14881@zeus.ia.net>
Rendered body type: text/plain

Sender: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Subject: RE: help on 4re importing of bulls

Without actually seeing the contents of the disk file being imported, it would be very difficult to determine what is causing the crash. I've been running aa4re here for years without any such problems, but a friend has had a similar occurrence. Are you running 4re "barefoot" or are you running it with the bpq switch? I'm just asking for my info. Please reply directly to me so we don't tie up the list.

73, Ed K1BYV

65. [BBSSIG:2907] Re: help on 4re importing of bulls (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 27 Jun 1996 14:14:58 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606271914.OAA14895@zeus.ia.net>
Rendered body type: text/plain

Sender: Mike Fahmie <MPFahmie@lbl.gov>
Subject: Re: help on 4re importing of bulls

At 03:32 PM 6/26/96 -0500, N3HXT wrote:

>Can anyone help me out on an "import" operation on my AA4RE BBS?
>I have a need to import bulls from another board while the radio link is
>down for awhile. I have been successfully able to do one or two bulls in
>one text file, but any more, and the board crashes. The file that I'm
>importing is coming from an FBB board, and the format is good.
>First line SB(command), second line is the title, all other lines are the
>text, followed by an /EX. Like I said, it works with one or two, but
>crashes with more. Does anyone have an idea?
>Thanks in advance. Rick N3HXT.VA.USA.NOAM
>P.S. Does the path (:Rxxxxxxx) mess anything up?

>

I have had no difficulty importing messages into my 4RE system (ver 2.13r and ver 2.12) that were exported from a 4RE system, haven't tried files from any other bbs software. The import format is quite straightforward so I doubt if FBB is doing anything wrong, but I would take a close look for control characters, etc in the FBB output. Note also that the 4RE bbs doesn't like punctuation in the TO address and will generate an error on many of them, example SB <SALE>@ALLUS.

The R:Lines shouldn't cause a problem.

Have you tried to read the import file with DOS instead of the bbs? Maybe your floppy drive is in ill health. Some of the weirdest behaviors I've encountered have been due to computer viruses, not bad software, so it might be worthwhile to run a virus check on your machine.

Good Luck and let us know what you find.

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

66. [BBSSIG:2908] Re: help on 4re importing of bulls (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 27 Jun 1996 14:15:26 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606271915.0AA14922@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: help on 4re importing of bulls

Richard Choy wrote:

>

> Can anyone help me out on an "import" operation on my AA4RE BBS?
> I have a need to import bulls from another board while the radio link is
> down for awhile. I have been successfully able to do one or two bulls in
> one text file, but any more, and the board crashes. The file that I'm
> importing is coming from an FBB board, and the format is good.
> First line SB(command), second line is the title, all other lines are the
> text, followed by an /EX. Like I said, it works with one or two, but
> crashes with more. Does anyone have an idea?
> Thanks in advance. Rick N3HXT.VA.USA.NOAM
> P.S. Does the path (:Rxxxxxxx) mess anything up?Hi, Richard:
I have imported 300 SP... in blocks of 50 - 100. I have recently
imported SB *@AMSAT \$174.01, 02, 03 et cetera, with no difficulty.

When the 'board' crashes, does it report a 'dos' error?
If yes, see aa4re_bb's file message.dos

After the 'send proposal' and Subject line all lines that start with
R:
are path lines. The next non "R:" becomes message text...
I think.

Chuck nc8q@nc8q.#day.oh.us

67. [BBSSIG:2909] two letter hierarchical matches (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 27 Jun 1996 14:16:04 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199606271916.0AA14946@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: two letter hierarchical matches

Howdy, Y'all:

Is there any recommendations on what to do about the matches between
the Amateur Radio Packet two letter state abbreviations
and the two letter ISO country abbreviations?

Does the ISO standard scan left to right
first looking for ISO first recommended abbreviations

second looking for ISO second recommended abbreviations?

Chuck nc8q

68. [BBSSIG:2915] Re: two letter hierarchical matches (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 29 Jun 1996 07:59:28 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606291259.HAA09031@zeus.ia.net>
Rendered body type: text/plain

Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: two letter hierarchical matches

At 02:26 PM 6/27/96 -0500, you wrote:
>Howdy, Y'all:
>
> Is there any recommendations on what to do about the matches between
>the Amateur Radio Packet two letter state abbreviations
>and the two letter ISO country abbreviations?

That's one reason we use the three letter ISO country code ...

> Does the ISO standard scan left to right
>first looking for ISO first recommended abbreviations
>second looking for ISO second recommended abbreviations?

The abbreviations are separate lists. You use one list, or the other.

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

69. [BBSSIG:2916] QRZ Call-book server problems. (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 29 Jun 1996 08:00:25 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606291300.IAA09052@zeus.ia.net>
Rendered body type: text/plain

Sender: rsbaker@dove.mtx.net.au (Rodney S Baker)
Subject: QRZ Call-book server problems.

Hi guys. Some friends of mine who run the VK5BBS packet bbs are experiencing problems with the QRZ callbook server program. They are running FBB under Desqview on a 386DX-25 along with BPQ and the BPQ IPGATE router.

QRZQTH and GETQRZ are running as PG programs and are correctly installed. The CDRom runs as drive F: (DOS) and F:. G: and H: (FBB-DOS). The servers run perfectly from the local console but as soon as the system gets loaded it ceases to be able to access the CD-ROM drive. I've tried accessing it from across our network backbone from my local bbs (VK5TTY) and it has worked exactly twice before refusing to access the CD-ROM. The server programs still run but return the response, "The file F:\CALLBKS.DAT could not be accessed".

VK5BBS runs 2 RF ports - a 1200bd user access port on 2m and the 4800bd backbone port on 70cm. They both run via BPQ driving a DRSI PCPA card.

I've been and had a look at the system and tried various things including increasing the number of available dos file handles via the FILES parameter in CONFIG.SYS (up to 40 from 20) but with no joy. It doesn't appear to be a memory problem as FBB doesn't crash (as far as I'm aware), it just refuses to access the CD-ROM drive after successfully doing so a couple of times.

Has anyone else come across this problem? I'm not sure what version of DOS the machine is running but I've got a feeling it could be MS-DOS 5.0. Would an upgrade to 6.22 help?

Any suggestions would be greatly appreciated. BTW, the QRZ servers are version 1.0 and the CDRom is the 1995 version.

Thanks in advance,
Rodney Baker VK5ZTV (co-sysop @VK5TTY.#ADL.#SA.AUS.OC).

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5zstv@bbs.vk5tty.ampr.org    | My other .sig file
is boring too!
Email      : rsbaker@dove.mtx.net.au       |
=====
```

=====END FORWARDED MESSAGE=====

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5zstv@bbs.vk5tty.ampr.org    | My other .sig file is boring too!
Email      : rsbaker@dove.mtx.net.au       |
=====
```

70. [TAPR-SYS:466] stuff (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 29 Jun 1996 08:01:07 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199606291301.IAA09070@zeus.ia.net>
Rendered body type: text/plain

Greg Jones wrote:
>From tapr-sys@tapr.org Sat Jun 29 05:57:39 1996
Date: Sat, 29 Jun 1996 05:57:15 -0500 (CDT)
Message-Id: <199606291052.FAA18880@tapr.org>
Reply-To: tapr-sys@tapr.org
Originator: tapr-sys@tapr.org
Sender: tapr-sys@tapr.org
Precedence: bulk
From: Greg Jones <wd5ivd@tapr.org>
To: tapr-sys@tapr.org
Subject: [TAPR-SYS:466] stuff
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio System maintainer's list
Content-Type: text
X-Mailer: ELM [version 2.4 PL25]

New addition to the TAPR Virtual Meeting Space!

TPRS (Texas Packet Radio Society) has provided the audio from the day long digital forum held this past June in conjunction with the DFW HamCom convention.

Thanks to Dave Wolf, W05H, President of TPRS and the TPRS group for allowing TAPR to link to this page and provide additional RealAudio resources.

Check it out!

Talks include:

- DXng by Packet,
 - Presley Smith, N5VGC
- Spread Spectrum an Overview,
 - Greg Jones, WD5IVD and Tom McDermott, N5EG
- Exploring the Internet,
 - Lee Ziegenhals, N5LYT
- Beginning Digital Communications,
 - Greg Jones, WD5IVD
- How to use TexNet,
 - Jim Neely, WA5LHS
- APRS: Radiolocation by Packet,
 - Mike Heskett, WB5QLD
- 9600 baud,
 - Tom McDermott, N5EG
- Packet and the NWS, and
 - Bob Morgan, WB5AOH
- Accessing the PACSATs.
 - Robert Diersing, N5AHD

Lots of good pictures as well!

You can get to the page via

<http://www.tapr.org> under the Virtual Meeting page

or

<http://www.tprs.org>

July 1996

Original source file: bbssig.9607

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9607

1. [BBSSIG:2920] Updateable database (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 6 Jul 1996 22:55:18 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607070355.WAA12545@zeus.ia.net>
Rendered body type: text/plain

Sender: vodall@mtewe.kevin.mt.us
Subject: Updateable database

Is there any server or protocol to do packet message based file updates?

What I'm thinking of would be an extension to the REQSVR definition.

We can request or even subscribe to files - but can we update them?

This would function very much like the White Page servers - only not so automatically. It could even be used to implement a DXCluster type functionality.

A user could, for example, send a message to a defined address, say "TEMP@MTDB.MT.USA.NOAM". There would be a line in the message with the update, in this case, something like:

update kevin 7/5/96 23:14 59.3

That would tell all the database servers in Montana (MTDB) that the temperature in Kevin on 7/5/96 was 59.3 degrees. This message would flood the systems in the state and update all that were configured to record the temperature.

Users then should be able to request the temperature for all or select towns.

Depending upon the configuration, it should be possible to save and archive the old data points as desired. A user could request the last N temperature readings for Kevin. Or the readings in June. Etc.

I can think of many uses for a general database system with flood updates. Does it exist? Should it? Should I go back to adding (evil) features to JNOS?

73,
Bill

--

Bill Vodall, 31 Rimview Dr, Box 75, Kevin, Mt 59454 406-337-2222 FAX 337-4151
Internet: vodall@bigsky.com
AX25: wa7nwp@wa7nwp.#ncmt.mt.usa.noam / DN48AR 48 45' N, 111 59' W
AMPR-IP: wa7nwp@wa7nwp.ampr.org [44.82.0.62]
Glacier Waterton Hamfest: <http://thor.tlatech.com/hamfest>

2. [BBSSIG:2922] Working (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 7 Jul 1996 08:43:36 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607071343.IAA26180@zeus.ia.net>
Rendered body type: text/plain

Sender: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Subject: Working

Sorry to trouble you guys ,but I haven't seen any mail for about 2 weeks I had Unsubed and changed addresses and I did send the resub and got the confirmation back but no mail..

Could 1 kind person send me a personal not via the SIG..

73 Phillip ZL2TZE
New E-Mail phil@zl2tze.mlb.planet.gen.nz

phil@z12tze.mlb.planet.gen.nz

--

Phillip Conza

3. [BBSSIG:2923] Re: Updateable database (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 7 Jul 1996 08:43:59 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607071344.IAA26201@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Updateable database

At 11:04 PM 7/6/96 -0500, you wrote:
>Is there any server or protocol to do packet message based file
>updates?
>

Yes it is called a Batch File in dos (and windows) and a shell script in unix. Here is what I would do Bill. Fool around until you get forward.sys to put all the files you want in a file called 'data' in the \fbb\dx directory. Then with a batch file I would move the file where-ever you want it, and delete the old file data and all that good stuff.

Look in the book that came with DOS 5.0 or any good DOS book on how to write good Batch files. It is fun.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

4. [BBSSIG:2926] Re: Working (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 08:54:33 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607111354.IAA24097@zeus.ia.net>
Rendered body type: text/plain

Sender: "Edward D. Tune" <autotune@sinfo.net>
Subject: Re: Working

At 08:55 96/07/07 -0500, you wrote:
>Sorry to trouble you guys ,but I haven't seen any mail for about 2 weeks
>I had Unsubed and changed addresses and I did send the resub and got the
>confirmation back but no mail..
>
>Could 1 kind person send me a personal not via the SIG..
>
>73 Phillip ZL2TZE
>New E-Mail phil@z12tze.mlb.planet.gen.nz
>phil@z12tze.mlb.planet.gen.nz
>--
>Phillip Conza
>
Well Phil, your message made it into the SIG and there has not been 'much' in the way of QTC on the SIG.... but there have been a few messages. Suggest you try to subscribe again.

Greetings from the hot and humid spot of the world...Panama!

Otto, HP1XNE/KV7J

5. [BBSSIG:2927] Re: Working (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 08:56:46 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607111356.IAA24133@zeus.ia.net>
Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: Working

>Sorry to trouble you guys ,but I haven't seen any mail for about 2 weeks
>I had Unsubed and changed addresses and I did send the resub and got the
>confirmation back but no mail..
>
>Could 1 kind person send me a personal not via the SIG..
>
>73 Phillip ZL2TZE

>New E-Mail phil@zl2tze.mlb.planet.gen.nz
>phil@zl2tze.mlb.planet.gen.nz
>--
>Phillip Conza
>
>
>
OK so you'll probably get a flood of mail Phil..all SIGs have been very
quiet but maybe its due to summer WX. I know up here we try to make the best
of our short (3 months) summer right now.
73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

6. [BBSSIG:2928] Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 08:58:03 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607111358.IAA24173@zeus.ia.net>
Rendered body type: text/plain

Sender: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Subject: Wrecked R Lines

Hi,
To those that sent messages on BBSSIG working TNX...

Now to some BBS work..

As most of you are aware there is a lot of R Line wrecking going on and
there seems that we can't do much unless we can ID these Systems that are
doing this ..

Today I got back 1 of my own bulletins that was ALTERED at N3HVI BBS this is
an FBB7-00 system ..

This BBS has re entered the message (by all accounts) and now states that my
home BBS is N3HVI..The R Lines look shocking ..

Also LW2EIQ BBS has the same problem and our old friend EA6PZ is changing
things around again..

I know many don't like including these BBS's in your REJECT.SYS but what other
things can we do to stop these messages from appearing out of these poorly
operated systems..

These BBS's have been notified of the problems but they just seem to not read
their mail..

As a collective group what can we do ?????
Constructive ideas would be real handy on this one please...

Now is there any one on the SIG in Region 1 IARU please contact me at the
address below..

73 Phillip ZL2TZE

phil@zl2tze.mlb.planet.gen.nz

phil@zl2tze.mlb.planet.gen.nz
--
Phillip Conza

7. [BBSSIG:2929] Re: Updateable database (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 08:58:33 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607111358.IAA24189@zeus.ia.net>
Rendered body type: text/plain

Sender: vodall@mtewe.kevin.mt.us
Subject: Re: Updateable database

> Yes it is called a Batch File in dos (and windows) and a shell
> script in unix.

I'm not thinking of files... That's fairly easy. But rather individual records in files.

Like the WP updates.

Or the IP address updates to the AMPR-ROBOT.

A general and configurable utility that would handle both the above and much more.

It could manage, for example, the local IP domain.txt files. When you (Karl) move to Montana for the fishing; you'd send out one message to a New Mexico broadcast address that would remove your IP entries from the systems there. Then in Montana, you'd send another broadcast to add your new entry. Finally, a REQSVR request to a local bbs or IP system would retrieve the complete local IP file. You, and all the running IP systems in both states would then have current, up to date, information.

A general utility like this could be used for:

- domain.txt IP file
- white pages
- DX spots
- scanner frequency lists
- BBS or address lists of any sort
- Emergency data (who's where, or what's needed at a location)
- statewide weather conditions (temp, rainfall) by city
- chess games (each move would be an appended update)
- Rig Modification databases (mods for IC22S are at XXX bbs)
- lists of QSL managers
- DXpeditions and active DX stations
- Mailing lists
- Bud lists

Any sort of "list" of data could be configured and updated on a area wide basis. Where the area might be a community or worldwide.

There would probably have to be controls on who could update a list. Some would be open to anybody and others to a select few. Some might even be controlled by individual record. I.e. WA7NWP could update the Kevin temperature and K5DI would do Las Cruces.

> Then with a batch file

Another problem with doing individual batch file hacks is that it isn't consistent across the system. The real usefulness of this would be when all the BBS's, IP systems, and other servers all followed the same standard.

It could be implemented fairly easily as PERL scripts under Linux. That might be good for a prototype but it won't work for the packet community as a whole.

There's a comment in TNOS about how the REQSVR there is a subset of the standard. That implies that someplace a document must exist that describes a REQSVR standard. (A pointer to it would be much appreciated.) Perhaps it can be expanded to allow for updating file contacts by Email.

> Karl F. Larsen ---- k5di@accca.nmsu.edu --- http://rever.nmsu.edu/~k5di/ -->

73,
Bill

8. [BBSSIG:2936] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 20:31:06 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607120131.UAA07467@zeus.ia.net>
Rendered body type: text/plain

Sender: "Clarke L. Diekmann" <diekmann@crl.com>
Subject: Re: Wrecked R Lines

On Thu, 11 Jul 1996, Phillip Conza wrote:

> As most of you are aware there is a lot of R Line wrecking going on and
> there seems that we can't do much unless we can ID these Systems that are
> doing this ..
>
> Today I got back 1 of my own bulletins that was ALTERED at N3HVI BBS this is
> an FBB7-00 system ..
>
> This BBS has re entered the message (by all accounts) and now states that my
> home BBS is N3HVI..The R Lines look shocking ..

I've been after N3HVI for a long time trying to get him to fix his
problem on forwarding/importing messages. He hasn't shown the courtesy
of even a negative reply to my messages.

>
> Also LW2EIQ BBS has the same problem and our old friend EA6PZ is changing
> things around again..
>
> I know many don't like including these BBS's in your REJECT.SYS but what other
> things can we do to stop these messages from appearing out of these poorly
> operated systems..
>
> As a collective group what can we do ?????
> Constructive ideas would be real handy on this one please...

Obtain/install the latest M_FILTER program from Dean, KE0WO! I use it
here and it catches most all these altered BIDs just fine. It's a great
piece of work! It doesn't FIX the problem but it cleans the garbage out
and keeps you from forwarding such trash!!!

73,
Clarke
K3WGF

9. [BBSSIG:2936] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 20:32:51 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607120132.UAA07521@zeus.ia.net>
Rendered body type: text/plain

How about routing around the guy who's trashing the BIDs?

Don't forward anything to him and don't accept any from him.

Barry

10. [BBSSIG:2937] Arizona State Convention (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 11 Jul 1996 20:33:10 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607120133.UAA07533@zeus.ia.net>
Rendered body type: text/plain
Sender: "Daniel J. Meredith" <DMeredith@CELL1.COM>
Subject: Arizona State Convention

For those of you that trek out to Arizona for the traditional Ft. Tuthill
Hamfest and the 1st Annual Arizona State Convention, I would like to
cordially invite you to attend the Arizona Digital Networking Meeting.

Date: 7/20/96
Time: 8:00-9:30 A.M.
Location: Ft. Tuthill Hamfest, Flagstaff, Arizona

Topics: Freq. Coordination
Network Updates
Network Buildouts
TCP/IP Network Issues/Updates
BBS Issues/Updates/Buildouts
Open Forum

This meeting is sponsored by: Arizona Network Intertie Group
Amateur Radio Council of Arizona

I hope to see everyone that is attending Tuthill there....

Daniel J. Meredith - N7MRP

11. [BBSSIG:2941] Re: Working (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 13 Jul 1996 10:27:19 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607131527.KAA01667@zeus.ia.net>
Rendered body type: text/plain

Sender: Thomas Jones <kg5zi@bluehawk.com>
Subject: Re: Working

Edward D. Tune wrote:

>
> At 08:55 96/07/07 -0500, you wrote:
> >Sorry to trouble you guys ,but I haven't seen any mail for about 2 weeks
> >I had Unsubed and changed addresses and I did send the resub and got the
> >confirmation back but no mail..
> >
> >Could 1 kind person send me a personal not via the SIG..
> >
> >73 Phillip ZL2TZE
> >New E-Mail phil@zl2tze.mlb.planet.gen.nz
> >phil@zl2tze.mlb.planet.gen.nz
> >--
> >Phillip Conza
> >
> Well Phil, your message made it into the SIG and there has not been 'much'
> in the
> way of QTC on the SIG.... but there have been a few messages. Suggest you try
> to subscribe again.
>
> Greetings from the hot and humid spot of the world...Panama!
>
>
> Otto, HP1XNE/KV7J
Opps...sorry Phillip....Boy did I screw it up! I thought I was replying
to Otto! I guess you can disregard the previous message. WOW, I love
your NEW EMAIL address!

73 de Tom kg5zi@bluehawk.com

12. [BBSSIG:2942] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 13 Jul 1996 10:28:04 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607131528.KAA01692@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Wrecked R Lines

At 08:36 PM 7/11/96 -0500, you wrote:
>On Thu, 11 Jul 1996, Phillip Conza wrote:
>
>> As most of you are aware there is a lot of R Line wrecking going on and
>> there seems that we can't do much unless we can ID these Systems that are
>> doing this ..
>>
>> Today I got back 1 of my own bulletins that was ALTERED at N3HVI BBS this is
>> an FBB7-00 system ..
>>
>> This BBS has re entered the message (by all accounts) and now states that my
>> home BBS is N3HVI..The R Lines look shocking ..
>
>I've been after N3HVI for a long time trying to get him to fix his
>problem on forwarding/importing messages. He hasn't shown the courtesy
>of even a negative reply to my messages.
>

Clarke, if the guy will not even talk with you I think it's time to
find where he lives and send someone to see him. My guess is he is having
loads of problems and can't even read his own messages...)

>>
>> Also LW2EIQ BBS has the same problem and our old friend EA6PZ is changing
>> things around again..
>>
>> I know many don't like including these BBS's in your REJECT.SYS but what
other

>> things can we do to stop these messages from appearing out of these poorly
>> operated systems..

I just switched from FBB to TNOS so I don't have reject.sys any more...

>>
>> As a collective group what can we do ?????
>> Constructive ideas would be real handy on this one please...

I have seen some of the dupes from these guys in the past 2 days going through my tnos. It sends me a message to "trouble" when it detects a dup. If it becomes a real problem to me I will call a US ham on the telephone and talk. You get the number by getting the address from the callbook on your pbbs or cluster. Then call information for that city and get it.

If he/she is not listed then you look at the r lines and see who he is forwarding to. Call him and ask him to stop that forward until the problem is fixed. All this calling can run up to a buck but it's worth it.

>
>Obtain/install the latest M_FILTER program from Dean, KE0WO! I use it
>here and it catches most all these altered BIDs just fine. It's a great
>piece of work! It doesn't FIX the problem but it cleans the garbage out
>and keeps you from forwarding such trash!!!
>
>73,
>Clarke
>K3WGF
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

13. [BBSSIG:2945] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 13 Jul 1996 22:00:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607140300.WAA16596@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: Wrecked R Lines

> Obtain/install the latest M_FILTER program from Dean, KE0WO! I use it
> here and it catches most all these altered BIDs just fine. It's a great
> piece of work! It doesn't FIX the problem but it cleans the garbage out
> and keeps you from forwarding such trash!!!
>
> 73,
> Clarke
> K3WGFhttp:...?
ftp:...?

Great idea, Clarke. Where can I obtain M_FILTER?

Chuck nc8q

14. [BBSSIG:2946] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 13 Jul 1996 22:00:36 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607140300.WAA16624@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: Re: Wrecked R Lines

On Sat, 13 Jul 1996, Karl F. Larsen wrote:

> I just switched from FBB to TNOS so I don't have reject.sys any more...

You will ;-) In TNOS 2.10 the same basic functionality, with a similar config file format, named reject.dat.....

Brian A. Lantz http://www.lantz.com brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

15. [BBSSIG:2949] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 15 Jul 1996 18:37:04 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607152337.SAA11368@zeus.ia.net>
Rendered body type: text/plain

Sender: Sid Ashen-Brenner <sashen@midusa.net>
Subject: Re: Wrecked R Lines

At 10:06 PM 7/13/96 -0500, you wrote:
>> Obtain/install the latest M_FILTER program from Dean, KE0W0! I use it
>> here and it catches most all these altered BIDs just fine. It's a great
>> piece of work! It doesn't FIX the problem but it cleans the garbage out
>> and keeps you from forwarding such trash!!!
>>
> Great idea, Clarke. Where can I obtain M_FILTER?
>
MFW09606.ZIP is known to be at : ftp.funet.fi under both the F6FBB and
FBB700 directories.... as well as being at several other sites. Dean
frequently distributes them on the F6FBB Listserver also.

BTW, that's Mike Fox Whiskey Oscar Niner Six Zero Six . ZIP, not mfw09606.zip
a mistake that's far too easy to make! :-)
73 de Sid n0obm

Sid Ashen-Brenner sashen@midusa.net n0obm@n0obm.#ncks.ks.usa.noam
Salina Regional Health Center, Salina, Kansas Electronic Maintenance

16. [BBSSIG:2950] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 15 Jul 1996 18:37:31 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607152337.SAA11382@zeus.ia.net>
Rendered body type: text/plain
Sender: "Clarke L. Diekmann" <diekmann@crl.com>
Subject: Re: Wrecked R Lines

On Sat, 13 Jul 1996, Charles E. Gelm wrote:

> > Obtain/install the latest M_FILTER program from Dean, KE0W0! I use it
> > here and it catches most all these altered BIDs just fine. It's a great
> > piece of work! It doesn't FIX the problem but it cleans the garbage out
> > and keeps you from forwarding such trash!!!
> >
> > 73,
> > Clarke
> > K3WGFhttp:...?
> ftp:...?
>
> Great idea, Clarke. Where can I obtain M_FILTER?
>
> Chuck nc8q

The latest General release (June 96) is available via FTP to FTP.FUNET.FI
and it is also available from PHX-AZ.COM's F6FBB-LIST file library if you
subscribe there. There will be a JULY release but it's delayed due to a
death in the family of the author...

Clarke

17. [BBSSIG:2951] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 15 Jul 1996 18:37:44 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607152337.SAA11392@zeus.ia.net>

Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Wrecked R Lines

At 10:07 PM 7/13/96 -0500, you wrote:
>On Sat, 13 Jul 1996, Karl F. Larsen wrote:
>
>> I just switched from FBB to TNOS so I don't have reject.sys any
more...
>
>You will ;-) In TNOS 2.10 the same basic functionality, with a similar
>config file format, named reject.dat.....
>

Don't rush TNOS 2.10 Brian, I am still learning 2.02p12....)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://rever.nmsu.edu/~k5di/> -->

18. [BBSSIG:2955] Re: Wrecked R Lines (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 17 Jul 1996 17:18:47 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607172218.RAA09590@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: Wrecked R Lines

Thanks, Clarke & Sid:

I found MFW09606.ZIP at

<ftp://ftp.funet.fi/pub/ham/packet/bbs/f6fbb/utills/mfw09606.zip>

73, Chuck

19. [BBSSIG:2957] WA8DED firmware in MFJ-1270B TNC (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 18 Jul 1996 17:16:57 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607182217.RAA09959@zeus.ia.net>
Rendered body type: text/plain

Sender: "Steve Lafferty" <lafferty@home.interaccess.com>
Subject: WA8DED firmware in MFJ-1270B TNC

Please excuse me if this isn't the correct forum for asking this question. I have a WA8DED 8 port firmware that I ordered from TAPR last month. I am trying to install this firmware into an MFJ-1270B (TNC clone) so that I may be able to use the TNC with BBS programs such as W0RLI. So far I haven't had any luck in getting this firmware to work with the MFJ-1270B. I haven't gotten any type of a prompt or anything after swapping out the firmware. Any suggestions? I appreciate the help.

73's Steve N0LTM

lafferty@
interaccess.com.SOMEWHEREIN.IL.USA.NA.EARTH.ADRROMEDA

20. [BBSSIG:2957] WA8DED firmware in MFJ-1270B TNC (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 18 Jul 1996 18:44:54 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607182344.SAA01675@zeus.ia.net>
Rendered body type: text/plain

Sender: "Steve Lafferty" <lafferty@home.interaccess.com>
Subject: WA8DED firmware in MFJ-1270B TNC

Please excuse me if this isn't the correct forum for asking this question. I have a WA8DED 8 port firmware that I ordered from TAPR last month. I am trying to install this firmware into an MFJ-1270B (TNC clone) so that I may be able to use the TNC with BBS programs such as W0RLI. So far I haven't had any luck in getting this

firmware to work with the MFJ-1270B. I haven't gotten any type of a prompt or anything after swapping out the firmware. Any suggestions? I appreciate the help.

73's Steve N0LTM

lafferty@
interaccess.com.SOMEWHEREIN.IL.USA.NA.EARTH.ADROMEDA

21. [BBSSIG:2960] Re: WA8DED firmware in MFJ-1270B TNC (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 19 Jul 1996 08:20:42 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607191320.IAA19121@zeus.ia.net>
Rendered body type: text/plain

Sender: r_denis@globalnet.hn (Ricardo Denis)
Subject: Re: WA8DED firmware in MFJ-1270B TNC

>I am trying to install this firmware into an MFJ-1270B
>(TNC clone) so that I may be able to use the TNC with BBS programs
>such as W0RLI. So far I haven't had any luck in getting this
>firmware to work with the MFJ-1270B. I haven't gotten any type of a
>prompt or anything after swapping out the firmware. Any suggestions?
> I appreciate the help.

>
>73's Steve N0LTM
>*****
>lafferty@
>interaccess.com.SOMEWHEREIN.IL.USA.NA.EARTH.ADROMEDA
>*****
>
>
>
Steve

Try putting back the original eeprom that came with the 1270. Set it to KISS mode and then run the BPQ node software which you can download from the TAPR ftp site. It (BPQ 4.08) has worked fine with me. Configuring the f6fbb program to work with a BPQ node is easy too! I wouldn't know about w0rli software but the BPQ .doc files do cover it. Configuring the f6fbb, which is what I'm trying to run, is another story. 8-) Hope this helps.

Rick
HR2K05

22. [BBSSIG:2961] Re: WA8DED firmware in MFJ-1270B TNC (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 19 Jul 1996 08:20:55 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607191320.IAA19130@zeus.ia.net>
Rendered body type: text/plain

Sender: Sid Ashen-Brenner <sashen@midusa.net>
Subject: Re: WA8DED firmware in MFJ-1270B TNC

At 06:56 PM 7/18/96 -0500, you wrote:
>Please excuse me if this isn't the correct forum for asking this
>question. I have a WA8DED 8 port firmware that I ordered from TAPR
>last month. I am trying to install this firmware into an MFJ-1270B
>(TNC clone) so that I may be able to use the TNC with BBS programs
>such as W0RLI. So far I haven't had any luck in getting this
>firmware to work with the MFJ-1270B. I haven't gotten any type of a
>prompt or anything after swapping out the firmware. Any suggestions?
> I appreciate the help.

OK,

Let's start with the easy parts first. Before you opened up the TNC, you removed ALL cables from it (Computer, Radio, and POWER)

Then you removed the battery, and waited a minimum of 5 minutes. While you were waiting, you got out your Voltmeter, and checked the Battery's voltage to make sure that IT didn't need to be replaced.

Then you used the normal static procedures to replace the firmware chip.

Hope the above might be of some use!

73 de Sid n0obm

```
>73's Steve N0LTM
>*****
>lafferty@
>interaccess.com.SOMEWHEREIN.IL.USA.NA.EARTH.ADROMEDA
>*****
>
>
>
---
Sid Ashen-Brenner sashen@midusa.net n0obm@n0obm.#ncks.ks.usa.noam
Salina Regional Health Center, Salina, Kansas Electronic Maintenance
```

23. [BBSSIG:2964] Re: WA8DED firmware in MFJ-1270B TNC (fwd)

```
From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 19 Jul 1996 13:12:19 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607191812.NAA23702@zeus.ia.net>
Rendered body type: text/plain

Sender: Bob Nielsen <nielsen@primenet.com>
Subject: Re: WA8DED firmware in MFJ-1270B TNC
```

On Thu, 18 Jul 1996, Steve Lafferty wrote:

```
> Please excuse me if this isn't the correct forum for asking this
> question. I have a WA8DED 8 port firmware that I ordered from TAPR
> last month. I am trying to install this firmware into an MFJ-1270B
> (TNC clone) so that I may be able to use the TNC with BBS programs
> such as W0RLI. So far I haven't had any luck in getting this
> firmware to work with the MFJ-1270B. I haven't gotten any type of a
> prompt or anything after swapping out the firmware. Any suggestions?
> I appreciate the help.
```

A couple of possibilities:

Did you remove the battery jumper so that the ram would lose its previous contents?

DED defaults to 8-N-0, whereas TAPR firmware defaults to 7-N-1 (don't ask me why!).

It's been a long time since I used DED firmware, but as I recall, you need to use the escape key before commands.

Bob

```
-----
Bob Nielsen                Internet: nielsen@primenet.com
Tucson, AZ                 AMPRnet: w6swe@w6swe.ampr.org
                           AX.25: w6swe@wb7tls.az.usa.noam
                           http://www.primenet.com/~nielsen
```

24. [BBSSIG:2968] Re: WA8DED firmware in MFJ-1270B TNC (fwd)

```
From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 22 Jul 1996 09:40:19 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607221440.JAA05858@zeus.ia.net>
Rendered body type: text/plain

Sender: "Steve Lafferty" <lafferty@home.interaccess.com>
Subject: Re: WA8DED firmware in MFJ-1270B TNC
```

Thanks Rick,

I will try out the G8BPQ switch and see how it works.

Thanks

```
> Date: Fri, 19 Jul 1996 08:32:37 -0500 (CDT)
> Reply-to: bbssig@tapr.org
> From: r_denis@globalnet.hn (Ricardo Denis)
> To: bbssig@tapr.org
> Subject: [BBSSIG:2962] Re: WA8DED firmware in MFJ-1270B TNC
```

```

> >I am trying to install this firmware into an MFJ-1270B
> >(TNC clone) so that I may be able to use the TNC with BBS programs
> >such as W0RLI. So far I haven't had any luck in getting this
> >firmware to work with the MFJ-1270B. I haven't gotten any type of a
> >prompt or anything after swapping out the firmware. Any suggestions?
> > I appreciate the help.
> >
> >73's Steve N0LTM
> >*****
> >lafferty@
> >interaccess.com.SOMEWHEREIN.IL.USA.NA.EARTH.ADROMEDA
> >*****
> >
> >
> >
> > Steve
> >
> > Try putting back the original eeprom that came with the 1270. Set it to KISS
> > mode and then run the BPQ node software which you can download from the TAPR
> > ftp site. It (BPQ 4.08) has worked fine with me. Configuring the f6fbb
> > program to work with a BPQ node is easy too! I wouldn't know about w0rli
> > software but the BPQ .doc files do cover it. Configuring the f6fbb, which is
> > what I'm trying to run, is another story. 8-) Hope this helps.
> >
> > Rick
> > HR2K05
> >
> >
> >
> >
> >*****
lafferty@
interaccess.com.SOMEWHEREIN.IL.USA.NA.EARTH.ADROMEDA
> >*****

```

25. [BBSSIG:2970] Re: WA8DED firmware in MFJ-1270B TNC (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 22 Jul 1996 14:35:58 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199607221935.0AA11321@zeus.ia.net>
Rendered body type: text/plain

```

```

Sender: r_denis@globalnet.hn (Ricardo Denis)
Subject: Re: WA8DED firmware in MFJ-1270B TNC

```

```

>Thanks Rick,
>
>I will try out the G8BPQ switch and see how it works.
>
>Thanks

```

The configuration of the BPQ software is pretty much self-explanatory (see the bpqcfg.doc file) but I can e-mail you mine if you wish. Just let me know if you need more help. BPQ saved me potential a headache!

73 de Rick
HR2K05

26. [BBSSIG:2973] TNOS Release 2.10 Available.... (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 25 Jul 1996 23:43:21 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607260443.XAA24065@zeus.ia.net>
Rendered body type: text/plain

```

```

Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: TNOS Release 2.10 Available....

```

COME AND GET IT!!! [deleting FTP log file to prepare room]

YES, TNOS release 2.10 is available (or will be shortly) at the following sites:

```

    sunsite.unc.edu in /pub/Linux/Incoming
        [later to move to /pub/Linux/apps/ham] (Linux version, only)

    ftp.mwmicro.com in /pub/mirrors/tnos/current (mirror site)

    ftp.lantz.com in /tnos/current

```

Since lantz.com is now a 56K link, but you may still get faster response from one of the first two sites.....

MAJOR new features, such as the HTTP server, HTTP PBBS support, etc. Some of these are listed later in this message.....

The base docs haven't changed. :-(

No diffs to patch against release 2.02 are available, as the diffs are larger than the source tree ;-)

No 'stock' MSDOS executable zips are available as part of the official distribution, though there is a volunteer team (Team TNOS) that are ready to help those who are compiler-challenged, with doing custom MSDOS compiles. For info on this, you will want to get the CUSTOMKT.ZIP, which includes the instructions and programs necessary to request custom compiles.

There is a file called "new2tn2.10" which contains info on all the changes to 2.10, the current Known Bug List, and the To-Do List.

ALSO: The WWW pages on lantz.com now have a point-and-click way to join one of the mailing lists maintained by lantz.com. Select 'mailing lists' from the main page and follow the 'listserv@lantz.com' link in the subscribe/unsubscribe sections, or go directly to it with:

<http://www.lantz.com/subscribe.html>

Enjoy.....

A brief summary of a FEW of the changes to TNOS 2.10:

- * Added a 'sendmail' command, for sending quick notes from Command Session
- * Added a HTTP server! (full featured, w/full Server Side includes)
- * Added code to handle W0RLI X-compressed forwarding protocol
- * Added a completely configurable WWW interface to the PBBS
- * Added a 'etc/reject.dat' file, like FBB's 'reject.sys' file
- * Added a 'warnings' command, to warn of missing vital commands
- * Added a MAN Command Session command, to display manual pages
- * Added code to scan R: lines of incoming messages for altered BIDs
- * Added a PBBS 'bid' command (finds area contain message, by bid)
- * More enhancements to the PBBS forwarding code
- * Many bugs squashed
- * Simplified compile setup, cleaner compile display
- * Most all *.c files LINT'ed
- * And much more.....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

27. [BBSSIG:2976] fbb epurmess program ??????? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 27 Jul 1996 18:05:01 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607272305.SAA16435@zeus.ia.net>
Rendered body type: text/plain
Sender: Paul Kearney <ei7gm@iol.ie>
Subject: fbb epurmess program ???????

Greetings.

Details about EPURMESS program required.

i.e. how many "special lifetime" entries are allowed at the bootom
of epurmess.ini

for immediate zap is the lifetime value 0 or 1

The doc files doesnt really give enough definite info , as far as i
can tell.

73 paul ei7gm . dublin-ireland.

28. [BBSSIG:2978] bpq software ??? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 28 Jul 1996 10:24:30 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607281524.KAA04737@zeus.ia.net>
Rendered body type: text/plain
Sender: Larry Shotwell <pony@bright.net>
Subject: bpq software ???

I am running BPQ 4.08a then windows95 then msys. I have 2 problems that I
am wondering if anyone has seen before and hopefully has solutions to.

I want to get the tcpip routing to work. When I bring up the ip part of the
bpq program in a dosbox window, the node no longer operates properly. It
starts sending the same frame repeatedly and the only way out of the problem
is to reboot the system. It will repeat the same frame forever. I do have
the bpq windows driver loaded.

Second problem is with level 4 flow control. If a user connects to the
switch then to the bbs (level4 connect) and does a list asking for it
continuous rather than paged, the bbs will dump the data to the switch at
9600 baud and fill all
the buffers in bpq (the user is at 1200 baud) then the switch basically
chokes on all chanel. It usually eventually recovers but everything stops
for a while. Is there anything that can be done about this?

Larry

29. [BBSSIG:2974] how do I change... (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 28 Jul 1996 10:33:13 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607281533.KAA04914@zeus.ia.net>
Rendered body type: text/plain
Sender: Steve Ashenfelter <n8xsf@ix.netcom.com>
Subject: how do I change...

I have a new address and I want to unsubscribe this address and then add the
new one in.

How do you do it?

```
*****
* Steve Ashenfleter N8XSF           Northwest Ohio Skywarn Home page      *
* n8xsf@primenet.com               http://www.geocities.com/Yosemite/1256 *
* N8XSF@N8XSF.#NWOH.OH.USA.NA      73's to all! We need it!             *
*****
```

*Please notice the new address at PRIMNET and not Netcom. I will be dropping
Netcom soon.

30. [BBSSIG:2982] Help Internet to Packet Radio Gateway (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 29 Jul 1996 22:24:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607300324.WAA07273@zeus.ia.net>
Rendered body type: text/plain

Sender: Carol Byers <crlbyers@garlic.com>
Subject: Help Internet to Packet Radio Gateway

I'm looking for any easy way to set-up a gateway between the internet and packet radio. Basically, would like to have your recommendations both hardware and software which is very user friendly, fully documented, and easy to set-up.

Thanks in advance...

Carol, W9HGI

31. [BBSSIG:2984] F6FBB Forwarding via KA Nodes... (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 30 Jul 1996 18:02:16 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199607302302.SAA02543@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian Ellse - ZR5DTS" <briane@iafrica.com>
Subject: F6FBB Forwarding via KA Nodes...

Hi All,

Can someone please help me with a frustrating problem that I am having. We have just established a KA Node network between ourselves and the nearest BBS, this uses 3 KA Nodes at high-sites along the routes.

ZS0WTE (my BBS)
ZS0KLO-2 (Rose switch)
ZS5J-7 (nearest node)
ZS5ZLB-7 (next node)
ZR5SX-7 (furthest node)
3DA0RS (digipeater)
3DA0AY (BBS)

My connect prtion of the Fwd file for 3DA0AY ilooks like:

C C SWITCH (I am using BPQ)
C C 1 ZS5J-7 v ZS0KLO-2
C C ZS5ZLB-7
C C ZR5SX-7
C C 3DA0AY v 3DA0RS S

The CC Switch and C C ! ZS5J-7 works fine, and when I get "Connected to ZS5J-7", My side sends the C ZS5ZLB-7 out and I connect to ZS5ZLB-7. Problem starts here. I get "###LINK MADE" and "###CONNECTED to ZS5ZLB-7" but my side doesn't send the next C line of the fwd file, C ZR5SX-7.

IS there a way to get F6FBB (or BPQ?) to see the ###LINK MADE packet as a prompt to send the next C Line?

All replies will be greatly appreciated....

--

Best Regards

Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
E-Mail: briane@iafrica.com Tel xx27-31-861581
Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581
O.H.M Projects CC
P.O Box 471
Westville
3630
South Africa

32. [BBSSIG:2986] Re: F6FBB Forwarding via KA Nodes... (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 31 Jul 1996 07:43:53 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199607311243.HAA11424@zeus.ia.net>

Rendered body type: text/plain

Sender: "Arthur J. Martin" <amartin@world2u.com>

Subject: Re: F6FBB Forwarding via KA Nodes...

At 06:07 PM 7/30/96 -0500, you wrote:

>Hi All,

>

>Can someone please help me with a frustrating problem that I am having. We have

>just established a KA Node network between ourselves and the nearest BBS, this

>uses 3 KA Nodes at high-sites along the routes.

>

>ZS0WTE (my BBS)

>ZS0KLO-2 (Rose switch)

>ZS5J-7 (nearest node)

>ZS5ZLB-7 (next node)

>ZR5SX-7 (furthest node)

>3DA0RS (digipeater)

>3DA0AY (BBS)

>

>My connect protion of the Fwd file for 3DA0AY ilooks like:

>

>C C SWITCH (I am using BPQ)

>C C 1 ZS5J-7 v ZS0KLO-2

>C C ZS5ZLB-7

>C C ZR5SX-7

>C C 3DA0AY v 3DA0RS S

>

>The CC Switch and C C ! ZS5J-7 works fine, and when I get "Connected to

>ZS5J-7", My side sends the C ZS5ZLB-7 out and I connect to ZS5ZLB-7. Problem

>starts here. I get "###LINK MADE" and "####CONNECTED to ZS5ZLB-7" but my side

>doesn't send the next C line of the fwd file, C ZR5SX-7.

>

>IS there a way to get F6FBB (or BPQ?) to see the ###LINK MADE packet as a

>prompt to send the next C Line?

>

>All replies will be greatly appreciated....

>

>--

>Best Regards

>

>Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>

>E-Mail: briane@iafrica.com Tel xx27-31-861581

>Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581

>O.H.M Projects CC

>P.O Box 471

>Westville

>3630

>South Africa

>

Hi, Brian....

I have had similar problems with those pesky critters in my country, also...

Use the "S" command and the arguments before you connect to the switch...

Try setting alternate "strings" of case-sensitive characters that are in the sequence: "connected" "failure" "busy"

S ###C0 ###RE ###BU which stands for CONNECTED/RETRIED OUT/BUSY

Remember that FBB only matches up the first 5 characters returned from the node.

We use this technique for getting thru various types of node firmware by adding additional "S" lines with the equivalent character strings that those nodes produce for

- 1) a connection
- 2) a failure to connect
- 3) a busy condition exists

Some of the forwarding scripts have four or five "S" lines, one after another to permit the connect to proceed. Remember that the comparison is quite literal! An upper-case C is not equal to a lower-case c!

Hope this will be helpful. See what the nodes give you as a returned string when you get connected/fail/or get a busy message. You can have MORE

characters, but less than 5 might be ambiguous in some cases (eg, ###) HI HI

S ###CONNECTED ###FAILURE ###BUSY should also work.

Good luck! Pls advise if this does not work.
73 de Art N2QAE

=====
From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA
=====

August 1996

Original source file: bbssig.9608

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9608

1. [BBSSIG:2989] Attn: WØRLI (fwd)

From: Barry Buelow WAØRJT <barry@ia.net>
Date: Wed, 7 Aug 1996 09:11:31 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608071411.JAA24146@zeus.ia.net>
Rendered body type: text/plain

Sender: K2ADJ@prodigy.com (MR RODNEY G FOWLER)
Subject: Attn: WØRLI

Sorry to use the SIG for a personnal message but I have no other recourse.

TO: WØRLI

I have a friend that would like to talk with you, can you send back to me your Email address..

Thanks Rod k2adj@prodigy.com

2. [TAPR-SYS:484] ARRL and TAPR DCC Hotel Update (fwd)

From: Barry Buelow WAØRJT <barry@ia.net>
Date: Wed, 7 Aug 1996 09:13:47 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608071413.JAA24180@zeus.ia.net>
Rendered body type: text/plain

Greg Jones wrote:

>From: tapr-sys@tapr.org Mon Aug 5 17:51:29 1996
>Date: Mon, 5 Aug 1996 17:49:42 -0500 (CDT)
>Message-Id: <199608052229.RAA05511@tapr.org>
>Reply-To: tapr-sys@tapr.org
>Originator: tapr-sys@tapr.org
>Sender: tapr-sys@tapr.org
>Precedence: bulk
From: Greg Jones <wd5ivd@tapr.org>
To: tapr-sys@tapr.org
Subject: [TAPR-SYS:484] ARRL and TAPR DCC Hotel Update
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio System maintainer's list
Content-Type: text
X-Mailer: ELM [version 2.4 PL25]

ARRL and TAPR Digital Communications Conference, Hotel Update
Seattle, Washington, Sept 20-22, 1996.

Several people have called the TAPR office informing us that the DCC Conference Hotel (Quality Inn) had some error in their system over the past week in regards to the DCC.

The error was that they had canceled our conference :-)

If you called the DCC conference hotel in the last few days and were told that the conference had been canceled, it was not. This has been corrected at the hotel. Please call the Quality Inn again and make your reservations.

Be sure to tell them that you are with the 'ARRL and TAPR DCC'.

If you are coming in Sept, be sure to make your room reservations early in order to get the rooms that are available in the Quality Inn. Rooms in the Radisson are slightly more expensive in costs. We have a room block until the first of September, but that block is filling quickly.

For full details on the ARRL and TAPR Digital Communications Conference, check <http://www.tapr.org> or call the TAPR office (817) 383-0000.

ARRL and TAPR DCC Hotel Information

Conference presentations, meetings, and workshops will be held at the Quality Inn Seattle Airport, a complex co-located with the Radisson Hotel

Seattle Airport. Rooms rates are \$66/single-double and \$76/triple. When making reservations with the hotel, be sure to indicate you are attending the ARRL and TAPR DCC conference. It is highly recommended that you book your room prior to arriving - a block of 75 rooms is reserved until September 1st, 1996. After the 75 rooms are booked, rooms will only be available in the Radisson hotel, but will be at a higher price. Be sure to book your rooms early! The hotel provides transportation to and from SeaTac Airport. You should contact the hotel to arrange airport transportation.

Quality Inn Seattle Airport (conference hotel)
17101 Pacific Highway South, Seattle, WA, 98188
(206) 246-7000, Fax (206) 246-1715

Radisson Hotel Seattle Airport (alternate hotel)
17101 Pacific Highway South, Seattle, WA, 98188
(206) 244-6000, Fax (206) 246-6835

3. [BBSSIG:2992] AA4RE and Phone Modem (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 8 Aug 1996 11:24:28 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608081624.LAA24821@zeus.ia.net>
Rendered body type: text/plain

Sender: Jack Eifer <eifer@bigbear.net>
Subject: AA4RE and Phone Modem

Hi,

I'm having difficulty getting a remote BBS (using AA4RE) to REVERSE forward to my AA4RE BBS using a phone modem link. I can FORWARD to the other BBS, but just can't seem to get it to REVERSE forward to me. As far as I know, I'm using the correct script (in AA4RE) and the other BBS has their ROUTE and PATH.BB files setup to "REVERSE" to me.

Does anyone have an idea why these two BBS's aren't reverse forwarding via a phone modem??? Are there a special AA4RE script or PARMS.BB setting required.

Thanks,

Jack / KC6CEM

JACK EIFER
BIG BEAR LAKE, CALIFORNIA
Email: eifer@bigbear.net

4. [BBSSIG:2993] Re: Attn: W0RLI (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 8 Aug 1996 11:24:48 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608081624.LAA24830@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmc@erinet.com>
Subject: Re: Attn: W0RLI

MR RODNEY G FOWLER wrote:

>
> Sorry to use the SIG for a personal message but I have no other recourse.
>
> TO: W0RLI
>
> I have a friend that would like to talk with you, can you send back to me
> your Email address..
>
> Thanks Rod k2adj@prodigy.com
Hi, Rod:

You can address E-mail to Mr. Oredson:

Hank Oredson <Hank_Oredson@mentorg.com>

73, Chuck nc8q

5. [BBSSIG:2996] Re: AA4RE and Phone Modem (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 9 Aug 1996 18:34:21 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608092334.SAA29822@zeus.ia.net>
Rendered body type: text/plain
Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: AA4RE and Phone Modem

Jack Eifer wrote:

>
> Hi,
>
> I'm having difficulty getting a remote BBS (using AA4RE) to REVERSE forward
> to my AA4RE BBS using a phone modem link. I can FORWARD to the other BBS,
> but just can't seem to get it to REVERSE forward to me. As far as I know,
> I'm using the correct script (in AA4RE) and the other BBS has their ROUTE
> and PATH.BB files setup to "REVERSE" to me.
>
> Does anyone have an idea why these two BBS's aren't reverse forwarding via a
> phone modem??? Are there a special AA4RE script or PARMS.BB setting required.
>
> Thanks,
>
> Jack / KC6CEM
>
> *****
> JACK EIFER
> BIG BEAR LAKE, CALIFORNIA
> Email: eifer@bigbear.net
>
> *****
>
> Hi, Jack:

It has been awhile since I did telephone modem forwards, but I don't think that the type of port matters once the session gets started. If you can establish a connect and a forward (and you don't use NOREVERSE) and send the 'F>', if the other end is set up to allow a reverse, it will reverse.

It doesn't matter that you have your end set up (for a reverse), it matters that the other end allows the reverse. Ya cain't make the other bbs send ya anything it ain't set up to send ya.

Possibly include the other guys pertinent ROUTE.BB & PATH lines for the group to review.

Chuck

6. [BBSSIG:2999] RE: AA4RE and Phone Modem (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 9 Aug 1996 18:35:01 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608092335.SAA29835@zeus.ia.net>
Rendered body type: text/plain
Sender: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>
Subject: RE: AA4RE and Phone Modem

>Hi,
>
>I'm having difficulty getting a remote BBS (using AA4RE) to REVERSE forward
>to my AA4RE BBS using a phone modem link. I can FORWARD to the other BBS,
>but just can't seem to get it to REVERSE forward to me. As far as I know,
>I'm using the correct script (in AA4RE) and the other BBS has their ROUTE
>and PATH.BB files setup to "REVERSE" to me.
>

What version of AA4RE are you using? Do you have the MODEM.DOC file?

You might consider the following script:

```
PATH <PATHNAME> <PORT> <BBSCALLSIGN>
T 0000 2300 0 6
O DT
C<PHONENUMBER>
WCall*
SKC6CEM
WPassword*
```

S<PASSWORD>

Make sure that both user files (user.bb) have the other station set up as an advanced BBS. Turn the GZ switch on and observe what is happening. Make sure that the route.bb file is set up properly. You may need to add the RPRMPT parameter after the time statement (see FWD.DOC). Be certain that your modem port in parms.bb is set up correctly. Consider this:

```
port
  port_type      = MODEM-ATCMD
  com            = <comport>
  max_pac        = 80
  speed          = <modem speed>      (I use 19200)
  max_connect    = 1
  max_channel    = 2
  max_pending    = 7
  monitor        = Y
  time_out       = 180
  fwd_min        = <fwd min>
  min_class_allowed = new_user
  remote_sysop   = Y
  upload_download = Y
  broadcast      = N
  lock_modem_speed = Y
  wait_connect_string = N
  extended_connect_string = N
  port_name      = <portname>
  monitor_color  = <number>           (I use 10)
  no_out_fwd     = Y
  answer_on_ring = 1
  fast_flow_control = Y
  initialize_file = <filename>
  default_forward_order = TA
endport
```

I'm assuming you are using MBBIOS 3.8 with with the FIFO mode enabled.

```
>Does anyone have an idea why these two BBS's aren't reverse forwarding via a
>phone modem??? Are there a special AA4RE script or PARMS.BB setting required.
>
>Thanks,
>
>Jack / KC6CEM
```

If none of this helps at either end, then send me your scripts, parms, etc. with the passwords wiped out so I can look at all of the files. Send them to me directly rather than on the list.

73, Ed, K1BYV

7. [BBSSIG:3000] Re: Attn: WORLI (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 9 Aug 1996 18:39:16 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608092339.SAA29868@zeus.ia.net>
Rendered body type: text/plain

Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: Attn: WORLI

```
At 11:39 AM 8/8/96 -0500, you wrote:
>MR RODNEY G FOWLER wrote:
>>
>> Sorry to use the SIG for a personnal message but I have no other recourse.
>>
>> TO: WORLI
>>
>> I have a friend that would like to talk with you, can you send back to me
>> your Email address..
>>
>> Thanks Rod k2adj@prodigy.com
>Hi, Rod:
>
> You can address E-mail to Mr. Oredson:
>
> Hank Oredson <Hank_Oredson@mentorg.com>
```

That's my office email ... so I sometimes don't get to the hobby messages for days or weeks ... depending on workload.

At home I use: H0redson@aol.com which I normally check at least three times per week.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

8. [BBSSIG:3004] Re: Attn: W0RLI (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 10 Aug 1996 21:03:46 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608110203.VAA25709@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian Ellse - ZR5DTS" <briane@iafrica.com>
Subject: Re: Attn: W0RLI

Hank wrote:
> At home I use: H0redson@aol.com which I normally check at least
> three times per week.

Assuming AOL is on-line hihi!!

--
Best Regards

Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
E-Mail: briane@iafrica.com Tel xx27-31-861581
Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581
O.H.M Projects CC
P.O Box 471
Westville
3630
South Africa

9. [BBSSIG:3006] Re: Attn: W0RLI (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 11 Aug 1996 13:04:46 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608111804.NAA12592@zeus.ia.net>
Rendered body type: text/plain

Sender: mwestfal@csci.csusb.edu (Michael Westfall)
Subject: Re: Attn: W0RLI

> Hank wrote:
> > At home I use: H0redson@aol.com which I normally check at least
> > three times per week.
>
>
> Assuming AOL is on-line hihi!!

AOL = America Off Line, right???

--

73 de Mike "They call me `MiKUY'", N6KUY
ax.25net: N6KUY@W6JBT.#SOCA.CA.USA.NOAM
internet: mwestfal@csci.csusb.edu
web: <http://web.csusb.edu/public/csci/mwestfal>
Linux: the Gates of Hell shall not prevail.

10. [BBSSIG:3008] Re: AA4RE and Phone Modem (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 12 Aug 1996 12:56:47 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608121756.MAA11957@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmc@erinet.com>
Subject: Re: AA4RE and Phone Modem

This is a multi-part message in MIME format.

-----36E93C377B9
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Back on the SIG as I may be errant in my advise:

-----36E93C377B9
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Disposition: inline; filename="KC6CEM.TXT"

>Charles,
>snip
>
>First, you indicate that the "other" bbs should put a "dummy" path in it's
>PATH.BB. I wondered why it's scripted to use the BPQ Switch, rather than a
>phone mode which is the actual path/route the connect will be made on.
>
>* No reason. *
>
>This is the other bbs current PATH.BB to KC6CEM
>
>PATH KC6CEM D KC6CEM
>T 0000 2359 0 6 GROUP 3 REVERSE
>

Why 'GROUP 3' ? I don't understand 'GROUP's. I don't use'm.
I am worried that it won't 'match'.

In FWD.DOC:

Several examples follow:

1) You only want to reverse or force forward to the station:

T 0000 2359 0 6 REVERSE	<- This handles reverse
T 0000 2359 0 6 FORCE	<- This handles force

Since there is no "T" line for normal forwarding, it is skipped.

>Is the following setup what it should be changed to, even though we're using
>a phone link--not the BPQ switch?
>
>PATH KC6CEM D KC6CEM
>T 0000 2359 0 6 GROUP 3 REVERSE (note: the other bbs is only REVERSE to me)
>C SW
>SC DUMMY
>R*Let it Fail*
>
I recommend:

PATH KC8CEM D KC6CEM
T 0000 2359 0 6 REVERSE
T ANYTHING_ELSE_YA_WANT_AS_LONG_AS_THE_ABOVE_COMES_FIRST

If you have connected, exchanged SIDs and send a "F>", then
if W6VIO-BBS looks for a 'match' in PATH.BB, let it 'match' the 'REVERSE'
'T' line first. Also, maybe have W6VIO put the telephone modem PATH
to KC5CEM before any other PATHs to KC6CEM.

> Secondly, here is the actual ROUTE.BB that the other bbs has setup currently:
>
>WB0TAX WB0TAX
>KA6EYH KA6EYH
>KH6TZ KH6TZ
>VK1DSN VK1DSN
>KC6CEM KC6CEM
>KB6NJF KB6NJF 6 K6VE
>WJ9U KD6KCK 48 K6VE
>
>Should their ROUTE.BB be changed to read:
>
>KC6CEM KC6CEM
>WB0TAX WB0TAX

>...etc.....

Nope, just make sure that there are no other 'matches' to
KC6CEM KC6CEM
earlier in the ROUTE.BB file. e.g. Are there any 'wildcards'
used in ROUTE.BB before
KC6CEM KC6CEM
?

>Or, should KC6CEM be on a completely separate line by itself, like:
>
>KC6CEM KC6CEM
>
>Thirdly, here is the PATH.BB I'm using to successfully connect to the other bbs!
>
>PATH W6VIO E W6VIO
>T 0000 2359 0 6 /* '0 6' optional. Not shown in rules, but */
>CT[phone number sniped] /* shown in 'Examples:' */
>R*call sign*
>Skc6cem
>R*password
>Sxxxxx
>>
>My ROUTE.BB looks like:
>
>KC6CEM LEAVE
>K6VE K6VE
>WF60 WF60
>W6VIO W6VIO
>....etc....
>
>Is it necessary for me to put W6VIO on a separate line by itself?
>
>Charles, did I get it right ???
>
>---Jack / kc6cem @ kc6cem.#soca.ca.usa.noam
>
> eifer@bigbear.net
>

Since our subject is 'REVERSE'ing, there is no need to work on your
ROUTE.BB and PATH.BB, just W6VIO's. If your end connects, exchanges
SIDs and sends a "F>", that is all you need do to establish the 'REVERSE'.

Just for "safty's sake", have W6VIO put:

KC6CEM KC6CEM

as the first line in his ROUTE.BB and put:

PATH KC6CEM D KC6CEM
T 0000 2359 0 6 REVERSE

as the first two lines in his PATH.BB. Of course, make the next lines
'syntactically' correct. :-)

Ya just DON'T want W6VIO to find a MATCH to KC6CEM in ROUTE.BB before
KC6CEM KC6CEM
and ya DON'T want W6VIO to find a Time in PATH.BB where it matches a
NOREVERSE condition before it matches a REVERSE condition (in your path).

Chuck

-----36E93C377B9--

11. [BBSSIG:3010] Re: AA4RE and Phone Modem (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 13 Aug 1996 08:29:39 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608131329.IAA10810@zeus.ia.net>
Rendered body type: text/plain

Sender: Roy <garlic@garlic.com>
Subject: Re: AA4RE and Phone Modem

Charles E. Gelm wrote:

```

>
> This is a multi-part message in MIME format.
>
> -----36E93C377B9
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> Back on the SIG as I may be errant in my advise:
>
> -----36E93C377B9
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
> Content-Disposition: inline; filename="KC6CEM.TXT"
>
> >Charles,
> >snip
> >
> >First, you indicate that the "other" bbs should put a "dummy" path in it's
> >PATH.BB. I wondered why it's scripted to use the BPQ Switch, rather than a
> >phone mode which is the actual path/route the connect will be made on.
> >
> >* No reason. *
> >
> >This is the other bbs current PATH.BB to KC6CEM
> >
> >PATH KC6CEM D KC6CEM
> >T 0000 2359 0 6 GROUP 3 REVERSE
> >
> >Why 'GROUP 3' ? I don't understand 'GROUP's. I don't use'm.
> >I am worried that it won't 'match'.
>
Groups control parallel or serial processing. Paths in the
same group will not forward at the same time.

> In FWD.DOC:
>
> Several examples follow:
>
> 1) You only want to reverse or force forward to the station:
>
>         T 0000 2359 0 6 REVERSE      <- This handles reverse
>         T 0000 2359 0 6 FORCE         <- This handles force
>
>         Since there is no "T" line for normal forwarding, it is skipped.
>
> >Is the following setup what it should be changed to, even though we're using
> >a phone link--not the BPQ switch?
> >
> >PATH KC6CEM D KC6CEM
> >T 0000 2359 0 6 GROUP 3 REVERSE      (note: the other bbs is only REVERSE to me)
> >C SW
> >SC DUMMY
> >R*Let it Fail*
> >
> >I recommend:
> >
> >PATH KC8CEM D KC6CEM
> >T 0000 2359 0 6 REVERSE
> >T ANYTHING_ELSE_YA_WANT_AS_LONG_AS_THE_ABOVE_COMES_FIRST
> >
> >If you have connected, exchanged SIDs and send a "F>", then
> >if W6VIO-BBS looks for a 'match' in PATH.BB, let it 'match' the 'REVERSE'
> >'T' line first. Also, maybe have W6VIO put the telephone modem PATH
> >to KC5CEM before any other PATHs to KC6CEM.
> >
> >Secondly, here is the actual ROUTE.BB that the other bbs has setup currently:
> >
> >WB0TAX WB0TAX
> >KA6EYH KA6EYH
> >KH6TZ KH6TZ
> >VK1DSN VK1DSN
> >KC6CEM KC6CEM
> >KB6NJF KB6NJF 6 K6VE
> >WJ9U KD6KCK 48 K6VE
> >
> >Should their ROUTE.BB be changed to read:
> >

```



```

> >KC6CEM KC6CEM
> >WB0TAX WB0TAX
> >...etc.....
>
> Nope, just make sure that there are no other 'matches' to
> KC6CEM KC6CEM
> earlier in the ROUTE.BB file. e.g. Are there any 'wildcards'
> used in ROUTE.BB before
> KC6CEM KC6CEM
>                                     ?
>
> >Or, should KC6CEM be on a completely separate line by itself, like:
> >
> >KC6CEM KC6CEM
> >
> >Thirdly, here is the PATH.BB I'm using to successfully connect to the other bbs!
> >
> >PATH W6VIO E W6VIO
> >T 0000 2359 0 6          /* '0 6' optional. Not shown in rules, but */
> >CT[phone number sniped] /* shown in 'Examples:'          */
> >R*call sign*
> >Skc6cem
> >R*password
> >Sxxxxx
> >>
> >My ROUTE.BB looks like:
> >
> >KC6CEM LEAVE
> >K6VE K6VE
> >WF60 WF60
> >W6VIO W6VIO
> >....etc....
> >
> >Is it necessary for me to put W6VIO on a separate line by itself?
> >
> >Charles, did I get it right ???
> >
> >---Jack / kc6cem @ kc6cem.#soca.ca.usa.noam
> >
> >          eifer@bigbear.net
> >
>
> Since our subject is 'REVERSE'ing, there is no need to work on your
> ROUTE.BB and PATH.BB, just W6VIO's. If your end connects, exchanges
> SIDs and sends a "F>", that is all you need do to establish the 'REVERSE'.
>
> Just for "safty's sake", have W6VIO put:
>
> KC6CEM KC6CEM
>
> as the first line in his ROUTE.BB and put:
>
> PATH KC6CEM D KC6CEM
> T 0000 2359 0 6 REVERSE
>
> as the first two lines in his PATH.BB. Of course, make the next lines
> 'syntactically' correct. :-)
>
> Ya just DON'T want W6VIO to find a MATCH to KC6CEM in ROUTE.BB before
> KC6CEM KC6CEM
> and ya DON'T want W6VIO to find a Time in PATH.BB where it matches a
> NOREVERSE condition before it matches a REVERSE condition (in your path).
>
> Chuck
>
> -----36E93C377B9--

```

If it looks like reverse forwarding not happening, make sure that the script doesn't contain an extra "R" line. If you end in something like

```
R*
```

it could be that this line is matching on the SID. If the main part of the BBS code doesn't see the SID, you won't reverse forward.

12. [BBSSIG:3013] BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 17 Aug 1996 14:08:11 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608171908.OAA02473@zeus.ia.net>
Rendered body type: text/plain
Sender: Mark / KB2TXP <mharloff@spacetechnology.com>
Subject: BPQ Netrom params

Hello to ALL,

I am trying to setup a stack here using Tiny 2 mkII's w/X1J4 proms. The stack will be connected to a system running BPQ & FBB. Currently I have BPQ and FBB running with out node support and use Tinsy's config'd in the KISS mode.

The dilemma is that I am unable to get BPQ to "talk" to a Tiny running X1J4. I CAN however, com with the Tiny using a simple term prog, so I know the prom and 232 connections are ok... I've tried virtually every combination of port params in BPQ that I can, with no luck...

Any thoughts ?? I have run out of my own!! I would be happy to send copies of any cfg files for your review..

Thnx in advance! 73, Mark / KB2TXP <mharloff@spacetechnology.com>
"http://www.spacetechnology.com/mark/index.htm"

13. [BBSSIG:3012] I don't know ? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 17 Aug 1996 14:23:20 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608171923.OAA02727@zeus.ia.net>
Rendered body type: text/plain
Sender: INFOPLAN.IPLAN10.LOUISK@cape_smtp_gw.iplan.co.za
Subject: I don't know ?

What are the regulations in other countries ?

In ZAF one is in general limited to using hamradio in general and then also packet radio to radio communication experiments and also to exchange a limited amount of personal information.

The problem I see coming up is about all the other unrelated messages floating around and entering our local packet network. The regulator locally, and possible abroad as well, is zooming more into packet radio due to pressure from the industry for spectrum. What if the statement can be made and proven that we are misusing our license/hobby?

In that case, if he takes away some of our spectrum and privileges, who are to blame ?

What also now happen is that if one try to play by the rules, the users either want or submit the unrelated material. If you then ask them politely not to, you get more than a mouthful.

I don't know the answers, but I think we are killing our hobby, slowly but most definitely.

73 Louis, ZR6ABC@ZS0DLD.TVL.ZAF.AF

(Louis.Kruger@iplan.co.za)

14. msg from .AF

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 17 Aug 1996 14:25:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608171925.OAA02758@zeus.ia.net>
Rendered body type: text/plain

The message from Louis in AF seems to indicate that there is some abuse of the packet system. While I don't understand the details, so members of the SIG may have suggestions on how to police illegal or inappropriate messages.

73 Barry

15. [BBSSIG:3017] Re: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 18 Aug 1996 09:05:23 -0500 (CDT)

To: bbssig@tapr.org
Message-ID: <199608181405.JAA24058@zeus.ia.net>
Rendered body type: text/plain

Sender: Sid Ashen-Brenner <sashen@midusa.net>
Subject: Re: BPQ Netrom params

At 02:14 PM 8/17/96 -0500, you wrote:

>
>I am trying to setup a stack here using Tiny 2 mkII's w/X1J4 proms.
>The stack will be connected to a system running BPQ & FBB. Currently
>I have BPQ and FBB running with out node support and use Tinys config'd
>in the KISS mode.
>The delemma is that I am unable to get BPQ to "talk" to a Tiny running
>X1J4. I CAN however, com with the Tiny using a simple term prog, so
>I know the prom and 232 connections are ok... I've tried virtually
>every combination of port params in BPQ that I can, with no luck...

Did you remember to reconfigure the port
PROTOCOL=NETROM instead of KISS?
then remember also to run BPQCFG to recompile BPQ
73 de Sid n0obm

Sid Ashen-Brenner Salina Regional Health Center Salina, Kansas
Internet : sashen@midusa.net AX-25 : n0obm @ n0obm.#ncks.ks.usa.noam
Fidonet : 1:295/6 Xpressnet 99:1/295

16. [BBSSIG:3018] Re: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 18 Aug 1996 09:06:19 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608181406.JAA24072@zeus.ia.net>
Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: BPQ Netrom params

>Hello to ALL,
>
>I am trying to setup a stack here using Tiny 2 mkII's w/X1J4 proms.
>The stack will be connected to a system running BPQ & FBB. Currently
>I have BPQ and FBB running with out node support and use Tinys config'd
>in the KISS mode.

In BPQCFG.TXT, PORT section these are the only parms you have to change from
KISS mode to Netrom/TheNet:

PROTOCOL=NETROM
FULLDUP=1

If the X1J is working right (broadcasting)you should see its route showing
up in your BPQ stack . Note too that the X1J must see the broadcast from
the BPQ port, check that too by connecting in from the RF side. You must
also ground pin 9 of the Tiny-2 to make it talk Netrom over its serial port.
73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

17. [BBSSIG:3019] Re: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 18 Aug 1996 09:06:35 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608181406.JAA24081@zeus.ia.net>
Rendered body type: text/plain

Sender: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Subject: Re: BPQ Netrom params

At 02:14 PM 8/17/96 -0500, Mark / KB2TXP wrote:
>The delemma is that I am unable to get BPQ to "talk" to a Tiny running
>X1J4. I CAN however, com with the Tiny using a simple term prog, so
>I know the prom and 232 connections are ok... I've tried virtually
>every combination of port params in BPQ that I can, with no luck...
>
>Any thoughts ?? I have run out of my own!! I would be happy to
>send copies of any cfg files for your review..

You need a special cable to hook to the Node TNCs...

>From the BPQ docs:

PC side		Matrix port (Or One Node tNC)
2	-----	3
3	-----	2
4	-----	5
		10 ---
-- 5	-----	20
R 7	-----	7
-- 20		23 ---

Mod to run NetRom over RS-232

Where R=10K resistor...

Also, if this cable to going to just one TNC running X1J4, make sure to add this mod: On the Node TNC side: Jumper wire from 10 to 23. I'll add it to above. This is what makes it run NETROM instead of Host Connect.

I hope this helps...

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX                                     *
* Internet:  n3jix@mail.csrlink.net                       *
* WWW:  http://acwww.bloomu.edu/~wlbarn                   *
* Packet   :  n3jix@n3jix.lyc.pa.usa.noam                 *
*****
```

18. [BBSSIG:3023] Re: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 19 Aug 1996 07:24:38 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608191224.HAA22757@zeus.ia.net>
Rendered body type: text/plain

Sender: Mark / KB2TXP <mharloff@spacetechn.com>
Subject: Re: BPQ Netrom params

My thanks to ALL who responded. The problem was trace to the cabling between the Tiny(s) and the puter! Grounded pin 9 at the Tiny and we are in business!! Thnx again!

73 de Mark / KB2TXP

19. [BBSSIG:3024] FW: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 19 Aug 1996 07:25:48 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608191225.HAA22774@zeus.ia.net>
Rendered body type: text/plain

Sender: Gwyn Reedy <gwyn@paccomm.com>
Subject: FW: BPQ Netrom params

From: Mark / KB2TXP[SMTP:mharloff@spacetechn.com]
Sent: Saturday, August 17, 1996 10:14 AM
To: bbssig@tapr.org
Subject: [BBSSIG:3014] BPQ Netrom params

Hello to ALL,

I am trying to setup a stack here using Tiny 2 mkII's w/X1J4 proms. The stack will be connected to a system running BPQ & FBB. Currently I have BPQ and FBB running with out node support and use Tinsy config'd in the KISS mode.

The delemma is that I am unable to get BPQ to "talk" to a Tiny running X1J4. I CAN however, com with the Tiny using a simple term prog, so I know the prom and 232 connections are ok... I've tried virtually every combination of port params in BPQ that I can, with no luck...

Any thoughts ?? I have run out of my own!! I would be happy to send copies of any cfg files for your review..

Thnx in advance! 73, Mark / KB2TXP <mharloff@spacetechn.com>

"http://www.spacetechnology.com/mark/index.htm"

Mark,

Check the state of pin 9 on the DE-9 connector (serial port) on the TINY-2. This pin controls whether the X1J-4 is in command or communication mode. I suspect you do not have the correct state on this line.

20. [BBSSIG:3027] Re: FW: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 19 Aug 1996 22:23:25 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608200323.WAA11584@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FW: BPQ Netrom params

At 07:37 AM 8/19/96 -0500, you wrote:

>-----
>From: Mark / KB2TXP[SMTP:mharloff@spacetechnology.com]
>Sent: Saturday, August 17, 1996 10:14 AM
>To: bbssig@tapr.org
>Subject: [BBSSIG:3014] BPQ Netrom params
>
>Hello to ALL,
>
>I am trying to setup a stack here using Tiny 2 mkII's w/X1J4 proms.
>The stack will be connected to a system running BPQ & FBB. Currently
>I have BPQ and FBB running with out node support and use Tinys config'd
>in the KISS mode.
>
>The delemma is that I am unable to get BPQ to "talk" to a Tiny running
>X1J4. I CAN however, com with the Tiny using a simple term prog, so
>I know the prom and 232 connections are ok... I've tried virtually
>every combination of port params in BPQ that I can, with no luck...
>
>Any thoughts ?? I have run out of my own!! I would be happy to
>send copies of any cfg files for your review..
>
>Thnx in advance! 73, Mark / KB2TXP <mharloff@spacetechnology.com>
>
> "http://www.spacetechnology.com/mark/index.htm"
>
>
>
>Mark,
>
>Check the state of pin 9 on the DE-9 connector (serial port) on the TINY-2.
>This pin controls whether the X1J-4 is in command or communication mode. I
>suspect you do not have the correct state on this line.
>

Mark, there are 3 configurations you can set up the rs-232 port for using the x1j software. There is one that works just like BPQ wants. So set the tiny into the communications mode and try the 3 types of kiss...I forget which I used...hi

73, karl k5di

>
>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

21. [TAPR-SYS:487] 1996 ARRL/TAPR DCC Proceeding Abstracts (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 19 Aug 1996 22:37:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608200337.WAA11888@zeus.ia.net>
Rendered body type: text/plain

Here are abstracts for some of the DCC presentations. There are quite a few good looking technical papers.

73 Barry

Greg Jones wrote:

```
>
> The following are the abstracts from the upcoming 1996 ARRL and TAPR
> 15th Digital Communications Conference to be held in Seattle, Washington,
> September 20-22nd, 1996. Visit: http://www.tapr.org for more information.
>
>
> =====
>
>
> ARRL and TAPR 15th Digital Communications Conference Proceedings 1996
> Seattle, Washington
>
> -----
> 15th Digital Communications Conference
> 240 pages. Price: TBA
>
> Location:
>     Seattle, Washington
>
> Coordinators:
>     Steve Stroh, N8GNJ
>     Keith Justice, KF7TP
>     Steve Ford, WB8IMY
>     Greg Jones, WD5IVD
>
> Hosted by:
>     Puget Sound Amateur Radio TCP/IP Group
>     Boeing Employees Amateur Radio Society (BEARS)
>
> -----
>
> Abstracts:
> 15th ARRL and TAPR Digital Communications Conference
> September 20th, 1996
>
> -----
>
> Learning DSP by Porting Programs to the TAPR/AMSAT DSP-93 Modem
> by John Bandy, W0UT
>     Introduction: This paper is about porting assembler programs in the
>     text authored by Rulph Chassaing and Darrell W. Horning, titled,
>     "Digital Signal Processing with the TMS320C25," to the TAPR/AMSAT
>     DSP-93. Porting these senior/1st year graduate electrical/computer
>     engineering student level programs taught the author many things about
>     digital signal processing (DSP) in general and TAPR/AMSAT DSP-93 modem
>     in particular.
>
>
> Linking BPQ Switches via Ethernet
> by Bill Barnes, N3JIX
>     Abstract: Two or more computers, running G8BPQ node software, can be
>     linked using Ethernet with the BPQ driver for ODI. This paper discusses
>     the process and outlines the setup files required.
>
>
>
> javaAPRS: Implementation of the APRS Protocols in Java
> by Steve Dimes, K04HD
>     Abstract: This paper describes a implementation of the Automatic
>     Position Reporting Systems (APRS) protocols in the computer language
>     Java. javaAPRS extends the usefulness of APRS to the Internet.
>
>
>
> The Radio Amateur Digital System Artificial Intelligence Project
> by Garry W. Joerger, N5USG
>     Abstract: This paper outlines information on the Radio Amateur Digital
>     System Artificial Intelligence Project from it's conception to current
>     capabilities and ongoing development. The applications chosen for this
>     paper are intended to support amateur radio, weather service, emergency
>     management and ultimately the public.
>
>
>
> Fast Flow Control in High-Speed Communications Networks
```

> by C.M. Kwan, R. Xu, and L. Haynes

> Abstract: A new approach to flow control in high speed communication networks is proposed where the flow control problem is modeled as a dynamic system with time delay. The main advantage is that it can assure stability of system as well as maintaining certain throughput of the communication channel. Inside the controlled, there is a term which predicts the future backlogs in the system. The controller is easy to implement. Simulation results show that the method offers significant less delay than existing methods.

>

>

> Nonlinear Channel Equalization Using Fuzzy CMAC Neural Network

> by C.M. Kwan, R. Xu, L. Haynes, and J.D. Pryor

> Abstract: It is well known that nonlinear distortion over a communication channel is now a significant factor hindering further increase in the attainable data rates in high-speed data transmission. Since the received signal over a nonlinear channel is a nonlinear function of the past values of the transmitted data pulses, it is not surprising that the linear equalizers do not work efficiently. We propose a new nonlinear equalizer that uses a new type of neural network called a Fuzzy CMAC which combines the advantages of both fuzzy logic and CMAC (Cerebellar Model Arithmetic Computer) networks. The learning speed is an order of magnitude faster than convention neural nets. Moreover, human expert knowledge in the form of linguistic rules can be easily incorporated into the scheme.

>

>

> Optimization of Phase-Locked Loops with Guaranteed Stability

> by C.M. Kwan, H. Xu, C. Lin, and L. Haynes

> Abstract: Phase-locked loops (PLL) have found applications in many industrial applications such as communication and control systems. The key requirements are stability and loop performance in terms of signal-to-noise ratio and tracking errors. Here we present a two-step approach to PLL design. First, we present a Lyapunov approach to analyze the loop stability. The parameter range that can guarantee stability can be easily derived in the process. Second, we present a multi-objective optimization method that can search a set of values within the above range of parameters to achieve an optimal trade-off between loop bandwidth, transient and steady-state performance. Simulation results are contained to illustrate the performance of our procedure.

>

>

> Baseband Group Delay Equalization of IF Filters for Data Communications

> by Thomas C. McDermott, NSEG

> Abstract: One source of phase (and thus group delay) variation is the IF filter in the receiver. This is either a mechanical filter or more commonly, a crystal filter. These IF filters typically have been optimized for best amplitude rejection of out-of-band signals vs. achievable passband flatness for a given number of filter poles. This typically leads to a Chebychev filter implementation which can have significant group delay variation. If the group delay variation vs. frequency is significant compared to the symbol rate (in baud) then the bit-error-rate of the received signal may be substantially degraded. Techniques to equalize the filter at IF are possible, but may prove difficult to implement and adjust, however they work well independent of the modulation type. On the other hand, equalization of the filter delay at baseband is possible, but is only exact for linear modulation types (PSK, QAM). FSK modulation (which is non-linear) cannot be exactly compensated at baseband, but if the deviation index is low, then a reasonably good job of delay equalization at baseband can be accomplished. This article examines some amplitude, phase, and delay properties of first-order, second-order, and all-pass filters. In addition, examples of Chebychev and Butterworth IF filters are illustrated. Finally, a graphical representation of delay equalization at baseband is shown.

>

>

> Easy to Follow Packet

> by James Nobis

> Abstract: This paper is a general introduction to packet radio. It explains how to setup your packet station and discusses how to use RoseSwitch, TexNet, and TheNet Nodes.

>

>

> Object-Oriented Modeling of a Satellite Tracking Software

> by M. Normandeau and M. Barbeau, VE2BPM

> * Winner of Best Technical/theory-oriented Student paper

> Abstract: This paper presents a case study of an object-oriented

> development of a satellite tracking software. It is designed following
> the Real-Time Object-Oriented Modeling (ROOM) methodology. The design
> resulting from the application of ROOM is implemented in C++ on the QNX
> platform. Concurrent actors are naturally mapped to parallel processes.
> ROOM yields a modular architecture which is clear, reusable, and
> maintainable. Use of QNX leads to a highly performant and reliable
> system. This work is important because it shows application of advanced
> software engineering principles in a field where most of the
> development is still based on structured (and non-structured)
> techniques.
>
>
> XNET: A Graphical Look at Packet Radio Networks
> by Richard Parry, W9IF
> Abstract: This paper describes AX.25 packet networks from a graphical
> standpoint using XNET, a software program specifically designed for
> network analysis. Networks are complex entities most easily explained
> visually. Through the graphical displays, one can more easily gain an
> appreciation and understanding of a network. It also allows one to see
> problems and the general behavior of the network. XNET runs on
> UNIX/LINUX systems supporting the Tcl/Tk language.
>
>
> A 9600 Baud modem for the LPT port
> by Wolf-Henning Rech, N1EOW, DF9IC@DB0GV.DEU.EU, Don Rotolo, N2IRZ
> Abstract: The 9600 Baud FSK modulation according to G3RUH uses our
> limited bandwidth resources much more efficiently than the popular 1200
> Baud AFSK. But one reason for the packet user not to switch to FSK is
> the higher price of the modem hardware -- usually a TNC2 clone with a
> large FSK modem board. In contrast, 1200 baud AFSK can be decoded with
> a very simple and cheap adapter to a PC's COM port containing not much
> more than a TCM3105, and a BayCom modem originally designed by Johannes
> DG3RBU. Packet decoding is done by software in the PC, and there is a
> wide variety of drivers. Even the power supply is derived from the COM
> port.
>
> We present here a simple modem for 9600 Baud FSK which can be connected
> to a LPT port (provided its IRQ is installed). It is also powered from
> the port and does not need any alignment. Several drivers for DOS and
> Linux are available because of its compatibility to the BayCom PAR96
> modem (and its PacComm clones). With DOS and the BayCom program it
> operates with any computer higher than a 10Mhz 286. It has been
> originally published in the proceedings of the 12th Internationally
> Packet Radio Conference Darmstadt, 1996.
>
>
> Amateur Radio Digital Voice Communications
> by Paul Rinaldo, W4RI
> Abstract: The telecommunication industry has been busy developing
> digital voice transmission technologies. While amateurs have made
> progress in other areas, digital voice has not kept pace. Maybe its
> because of lack of suitable standards, the unavailability of hardware,
> satisfaction with existing SSB and FM voice systems or the lack of
> urgency.
>
> Well, time's up. We need to apply the same energies and talents we did
> previously in developing single sideband, amateur television, small
> satellites, and packet radio.
>
> A design engineer once told me, the longer you wait, the easier the
> job. Obviously, he meant that new devices are constantly becoming
> available, maybe even the specific application you have in mind. This
> is true in the case of digital voice coder-encoders (CODECs). Instead
> of developing coding algorithms and designing application-specific
> integrated circuits (ASICs), someone else may have handled these chores
> for you.
>
> Appendix: Spectrum Efficient Digital Land Mobile SYstems for Dispatch
> Traffic . Working Paty 8A. Draft New Recommendation ITU-R M. [8A/XB].
> (47 pages)
>
>
> WinAPRS: Windows Automatic Position Reporting System. A Windows version of
> APRS.
> by Keith Sproul, WU2Z and Mark Sproul, KB2ICI
> Abstract: WinAPRS is a Windows version of the popular APRS, AUTomatic
> Position Reporting System. WinAPRS is fully compatible with APRS, the
> DOS version, and the MacAPRS, the Macintosh version. Due to the larger
> amounts of memory available in the Windows operating system, WinAPRS,

> just like MacAPRS has many additional features not available in the DOS
> version. This paper describes WinAPRS.
>
>
>
> Automatic Radio Direction Finding Using MacAPRS and WinAPRS
> by Keith Sproul, WU2Z
> Abstract: Radio Direction Finding has been around for almost as long as
> radio itself. Doppler-based RDF systems have been around for quite
> awhile too. In the recent past, people have developed computer
> interfaces to Doppler-based RDF systems. APRS has the ability to
> display the RDF information on maps, giving the user a graphical way to
> view the RDF patterns.
>
> Over the last few years, the call sign database available on CD-ROM
> from several companies have become more and more sophisticated. There
> are also databases of commercial frequencies and locations available.
>
> Most of us involved in Amateur Radio have experienced situations where
> we need to track down the cause of an unwanted radio signal, i.e. stuck
> microphone, improperly tuned equipment, or even a jammer.
>
> With all of the available technology, we should be able to develop a
> system that zeros in on a location and automatically shows us the
> possible transmitters in the area.
>
>
> Circus of the Stars
> by Michelle Toon, KC5CGH
> * Winner of Best Educational or Community-Oriented Application Student
> paper
> Abstract: A unique collaboration between diverse groups is proving
> that, in Waco, Texas, the sky's the limit. This project uses amateur
> radio to tie sites in the Central Texas area together during a
> mentoring session based on night-time astronomical observation.
>
>
> 13cm PSK Transceiver for 1.2Mbit/s Packet Radio
> by Matjaz Vidmar, S53MV
> Abstract: This paper describes the design of a 13cm 1.2Mbit/s PSK
> transceiver for packet radio by Matjaz Vidmar, S53MV. Includes:
> schematics, layout, figures, and experimental results.
>
>
> 23cm PSK packet-radio RTX for 1.2Mbit/s user access
> by Matjaz Vidmar, S53MV
> Abstract: This paper describes the design of a 23cm 1.2Mbit/s user
> access RTX by Matjaz Vidmar, S53MV. Includes: schematics, layout,
> figures, and experimental results.
>
>
> Packet and Internet
> by James Wagner, PhD, KA7EHK
> Abstract: Debate is one of the interesting aspects of the packet BBS
> system. One of the recent debate issues is really quite important to
> all of us. It concerns the question of BBS mail forwarding by methods
> other than the ham RF network. Whichever side proves to be "right",
> (and it is possible that both may be right), the answers to this debate
> will have an impact on all packet users.
>
>
> Strategies for Improving Wide-Area Networks
> by James Wagner, PhD, KA7EHK
> Abstract: Wide-area single-frequency networks still cover large areas
> of this country. A number of strategies have developed for improving
> such networks, but these strategies are very slow to be adopted. This
> paper discusses some of the reasons for the continued existence of
> these networks, some of the strategies and their likelihood of success.
>
>
>
> The Word Storage Relay
> by Pat West, W7EA
> Abstract: This paper discusses the Word Storage Relay developed for
> the BOMARC (Boeing and Michigan Aeronautical Research Center) radio
> control systems.
>
>
> On-Air Measurements of HF Data Throughput Results and Reflections
> by Ken Wickwire, KB1JY

> Introduction: For the past year a team of colleagues and I have been
> collecting and analyzing data on the throughput and other
> characteristics of various ARQ protocols available to hams and
> commercial users for HF work. This activity was motivated by
> discussions (especially among hams) about the relative merits of the
> new HF digital modes, such as PacTOR, GTOR, CLOVER II, CLOVER-2000, and
> PacTOR II. Since the discussions often centered on throughput in
> various conditions, and we were already running several of the
> protocols, we decided to see for ourselves. This paper describes our
> assessment approach and measurement campaign, gives summary of our main
> conclusions, and lists some findings worth noting before protocol
> choices are made and protocol performance is compared. The paper treats
> the packet and TOR modes in detail. More extensive reports on CLOVER
> II, NOS TCP/IP and the ALE orderwire will appear elsewhere.
>
>
> On-air Measurements of MIL-STD-188-141A ALE Data Text Message Throughput
> over Short Links
> by Ken Wickwire, KB1JY
> Introduction: For the past six months a colleague W1MM and I have
> conducted automated measurements of throughput when ASCII text files
> are sent over short or "tactical" HF paths using the ALE Data Text
> Message (DTM) engineering orderwire (EOW). This is a preview of our
> results.
>
>
> The Technology Grows and Matures
> by Bill Henry, K9GWT
> Abstract: Not Available at this time
>
>
> Constructing a Worldwide HF Data Network
> by Craig McCartney, WA8DRZ
> Abstract: Not Available at this time
>
>
> -----
> -----
> Tucson Amateur Packet Radio
> 8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399 * 817-383-0000
> -----
> e-mail: TAPR@TAPR.ORG ftp: ftp.tapr.org web: http://www.tapr.org/tapr
> -----
>
>

22. [BBSSIG:3030] Re: BPQ Netrom params (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 24 Aug 1996 13:33:38 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608241833.NAA25664@zeus.ia.net>
Rendered body type: text/plain
Sender: "Arthur J. Martin" <amartin@world2u.com>
Subject: Re: BPQ Netrom params

At 02:14 PM 8/17/96 -0500, you wrote:
>Hello to ALL,
>
>I am trying to setup a stack here using Tiny 2 mkII's w/X1J4 proms.
>The stack will be connected to a system running BPQ & FBB. Currently
>I have BPQ and FBB running with out node support and use Tinys config'd
>in the KISS mode.
>The delema is that I am unable to get BPQ to "talk" to a Tiny running
>X1J4. I CAN however, com with the Tiny using a simple term prog, so
>I know the prom and 232 connections are ok... I've tried virtually
>every combination of port params in BPQ that I can, with no luck...
>
>Any thoughts ?? I have run out of my own!! I would be happy to
>send copies of any cfg files for your review..
>
>Thnx in advance! 73, Mark / KB2TXP <mharloff@spacotech.com>
> "http://www.spacotech.com/mark/index.htm"
>
Mark,

Please check your BPQCFG.TXT file and be sure you have the PORT setting for
the X1Jx TNC(s) for the variable PROTOCOL=NETROM. If they still say =KISS,

need I say more?

of course, use BPQCFG to recompile the "real" configuration file and reboot the system. <grin>

You may want to get a list of the suggested X1Jx parameters as suggested by NEDA to interface with other NETROM/TheNet nodes efficiently.

There is also a provisional list of BPQ parameters which has been devised to more closely match the X1Jx timings. The author was Burt Lang, of Montreal, AX.25 address (packet): VE2BMQ@VE2FKB.#MTL.PQ.CAN.NA (no e-mail address noted)

Join NEDA, P O Box 563
Manchester, NH 03105-0563
(at least as an associate member and get the Annual and the NEDA Report)

Good luck and 73,

Art

=====
From: Arthur J. Martin
TEL: +908+876+3189
Inet: amartin@world2u.com
AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA
=====

23. [BBSSIG:3032] Status with JIM NORSE ? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 25 Aug 1996 22:05:04 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608260305.WAA29876@zeus.ia.net>
Rendered body type: text/plain

Sender: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Subject: Status with JIM NORSE ?

Hi,

I would like to know if anyone has heard from Jim, NORSE in the last week.

Jim and I have been exchanging mail for some time and all of a sudden nothing, his Server looks as though it may of crashed.

There have been no reports from him but plenty looking for him..

Has he taken ill ???

Any info appreciated ..

73 Phillip ZL2TZE

--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail phil@zl2tze.mlb.planet.gen.nz

24. [BBSSIG:3033] BPQ and TcpIp (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 25 Aug 1996 22:05:41 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608260305.WAA29903@zeus.ia.net>
Rendered body type: text/plain

Sender: Larry Shotwell <pony@bright.net>
Subject: BPQ and TcpIp

Does anyone out there have the TcpIp functions of BPQ working? When I load it the system becomes unstable and eventually crashes. I notice that the first frame of data it tries to send get sent repeatedly even if it is ack'ed. It seems to ignore the ack and continue to resend so eventually all the buffers become full. I think that is when the system crashes. I would really appreciate hearing from someone who has tried the ip in bpq before, good or bad results. Larry

25. [BBSSIG:3036] Re: Status with JIM NØRSE ? (fwd)

From: Barry Buelow WAØRJT <barry@ia.net>
Date: Tue, 27 Aug 1996 22:34:00 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608280334.WAA04615@zeus.ia.net>
Rendered body type: text/plain

Sender: Mark / KB2TXP <mharloff@spacetechnology.com>
Subject: Re: Status with JIM NØRSE ?

Phillip Conza wrote:

>
> Hi,
> I would like to know if anyone has heard from Jim, NØRSE in the last
> week.
> Jim and I have been exchanging mail for some time and all of a sudden nothing,
> his Server looks as though it may of crashed.
>
> There have been no reports from him but plenty looking for him..
>
> Has he taken ill ???
>
> Any info appreciated ..
>
> 73 Phillip ZL2TZE
>
>
>
> --
> Phillip Conza
> AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
> E-Mail phil@zl2tze.mlb.planet.gen.nz

Hello to Phil and ALL,

I have a "link" to Jims page and checked it this eve. It appears that he is doing some work on it. Try again in a couple of days... These things take time.

If I am mistaken, please advise me...

73, Mark / KB2TXP <mharloff@spacetechnology.com>
"http://www.spacetechnology.com/mark/index.htm"

26. [BBSSIG:3037] FBB and PACTOR ? (fwd)

From: Barry Buelow WAØRJT <barry@ia.net>
Date: Tue, 27 Aug 1996 22:34:17 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608280334.WAA04641@zeus.ia.net>
Rendered body type: text/plain

Sender: bewhite@ibm.net
Subject: FBB and PACTOR ?

Does anyone know of a program that provides an interface between FBB and PACTOR ? I know very little about PACTOR but I am considering going into Pactor with a view to providing a HF port for a FBB BBS. If necessary I will have a go at writing such a program, but programming for me is a slow labourious venture and I would hope someone has already invented the wheel !

73
Barry VK2AAB @ VK2WI
bewhite@ibm.net

27. [BBSSIG:3038] Fwd: Packet BBS Survey -- Last Call! (fwd)

From: Barry Buelow WAØRJT <barry@ia.net>
Date: Tue, 27 Aug 1996 22:45:28 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199608280345.WAA04874@zeus.ia.net>
Rendered body type: text/plain

>
> Hello, Folks:
>
> Please note that on September 01, 1996 the Packet BBS Survey on my
> home page will be taken down.
>
> I have received many replies from both the Internet and from the
> Packet network (about 3 times more from the Internet) and wish to give
> everyone a final chance to respond if you have not done so already.

```

>
> The survey can be found on my home page at:
>
>   http://www.trucom.com/ppages/marty
>
> It will probably take a couple of weeks to tabulate and analyze the
> data, but the results will be posted here and on Packet.
>
> (fwd note: Be sure to press the Icon to the left of the text.)
>
> Thanks!
>
> Take Care & 73
>
>
>
> Marty Albert - marty@trucom.com
> Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM
>
> Heartland Internet Services
>
> *****
> Want a FREE Web Page???
> http://freedomstarr.com/?AL7837318
> *****
>
>
>
>
> --
>
> -----
> TeachNet, College of Education, University of Texas, Austin Texas
> -----
>
>
>

```

28. [BBSSIG:3042] Re: Status with JIM NØRSE ? (fwd)

```

From: Barry Buelow WAØRJT <barry@ia.net>
Date: Thu, 29 Aug 1996 15:14:39 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199608292014.PAA08643@zeus.ia.net>
Rendered body type: text/plain

robert e. kennedy wrote:
> Sender: "robert e. kennedy" <ke4hsb@apex.net>
> Subject: Re: Status with JIM NØRSE ?
>
>
> i also have been tranfering with jim for several months and lost him so
> thanks for the info mark i was going to be my first question on bbs sig i
> will have a new site up for daily bullitens somer time today on my server
> but have got the word yet de bob ke4hsb@ke4hsb.#wky.ky.usa.noam
> site will be at apex.net/users/ last part stil unknown
> 73s all
>
> 73 BOB KENNEDY KE4HSB.#WKY.KY.USA.NOAM
> 204 BUFFALO ST.
> BENTON, KY. 42025
> Phone (502) 395-1931
> EMAIL KE4HSB@APEX.NET
>
>
>

```

September 1996

Original source file: bbssig.9609

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9609

1. [BBSSIG:2978] bpq software ??? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 1 Sep 1996 21:06:21 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609020206.VAA12468@zeus.ia.net>
Rendered body type: text/plain

Sender: Larry Shotwell <pony@bright.net>
Subject: bpq software ???

I am running BPQ 4.08a then windows95 then msys. I have 2 problems that I am wondering if anyone has seen before and hopefully has solutions to.

I want to get the tcpip routing to work. When I bring up the ip part of the bpq program in a dosbox window, the node no longer operates properly. It starts sending the same frame repeatedly and the only way out of the problem is to reboot the system. It will repeat the same frame forever. I do have the bpq windows driver loaded.

Second problem is with level 4 flow control. If a user connects to the switch then to the bbs (level4 connect) and does a list asking for it continuous rather than paged, the bbs will dump the data to the switch at 9600 baud and fill all the buffers in bpq (the user is at 1200 baud) then the switch basically chokes on all channels. It usually eventually recovers but everything stops for a while. Is there anything that can be done about this?

Larry

2. [BBSSIG:3045] Re: bpq software ??? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 3 Sep 1996 23:17:14 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609040417.XAA12292@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: bpq software ???

At 09:17 PM 9/1/96 -0500, you wrote:

>I am running BPQ 4.08a then windows95 then msys. I have 2 problems that I
>am wondering if anyone has seen before and hopefully has solutions to.
>

The way your loading BPQ will get strange results when using Win95. My experience has been that Win95 will cope with an autoexec.bat file but not well. It seems to be unreliable.

I had your setup except using f6fbb software for the pbbs and the BPQ ip worked fine under Windows 3.11. I have since converted the computer to Linux and am running TNOS as both a nos and pbbs. BPQ will not run under Unix...too BAD!

>I want to get the tcpip routing to work. When I bring up the ip part of the
>bpq program in a dosbox window, the node no longer operates properly. It
>starts sending the same frame repeatedly and the only way out of the problem
>is to reboot the system. It will repeat the same frame forever. I do have
>the bpq windows driver loaded.

>
>Second problem is with level 4 flow control. If a user connects to the
>switch then to the bbs (level4 connect) and does a list asking for it
>continuous rather than paged, the bbs will dump the data to the switch at
>9600 baud and fill all
>the buffers in bpq (the user is at 1200 baud) then the switch basically
>chokes on all channels. It usually eventually recovers but everything stops
>for a while. Is there anything that can be done about this?

>
>Larry
>

>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

3. [BBSSIG:3046] WinFBB and bpq408a in Win-95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 3 Sep 1996 23:17:42 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609040417.XAA12301@zeus.ia.net>
Rendered body type: text/plain

Sender: n0sms@clandjop.com (Frank D Mondt)
Subject: WinFBB and bpq408a in Win-95

Has ANYONE had any luck getting WinFBB and bpq408a to run in Win-95?
I currently have WinFBB running under Win-95 on a Kam. It has been very stable with the KAM, However I would like to run it with the bpq 408a node and Kiss TNC's possibly multidropped at a later date. All attempts to date have failed. I have the bpq dll's installed but I have never been able to get bpq to run correctly. It will run for a short time and then FBB or bpq will GPF.

I have the single inittnc1.sys installed and I am trying to use an MFJ 1270c and a PK-12 in Kiss mode that I ran with MSYS. ANY help would be GREATLY appreciated! You may reply via the bbssig or to my Email address listed below.

Take Care
Frank

Frank Mondt N0SMS
417-782-0269 417-782-8411 (DATA)
Internet : n0sms@clandjop.com
Packet BBS : N0SMS@N0SMS.#SWMO.MO.USA.NOAM
AMPERNet : N0SMS@N0SMS.AMPR.ORG [44.46.208.33]

4. [BBSSIG:3047] Trouble with BPQ4.08 + FBBv7 + W95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 3 Sep 1996 23:18:15 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609040418.XAA12327@zeus.ia.net>
Rendered body type: text/plain

Sender: KB6ZVP@aol.com
Subject: Trouble with BPQ4.08 + FBBv7 + W95

Greetings all:

I have a little trouble getting BPQ v4.08 running with FBB v7.00a and Windows 95. Perhaps someone could help me out.

BPQ loads fine in the autoexec.bat file and the switch operates well until I load Windows 95. Then the switch hears all the packet broadcasts, but will not key up the TNC, although if I monitor the switch with a terminal program (PAC4.EXE) I can see that the switch is attempting to send out response to connects. I believe it is a Windows 95 related problem, because I can either exit to DOS or shortcut to DOS and make the switch operate as it should.

However returning to Windows 95 results in the same problem - the switch wants to, but can't key up the TNC.

Any thoughts/suggestions to help make this work would be most appreciated.

Thanks - Mark, kb6zvp@aol.com

5. [BBSSIG:3048] Motorola Mitrek (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 3 Sep 1996 23:19:02 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609040419.XAA12354@zeus.ia.net>
Rendered body type: text/plain

Sender: KB6ZVP@aol.com
Subject: Motorola Mitrek

Greetings All:

Can anyone tell me if the Mitrek Line from Motorola is capable of transmitting 19.2, 38.4, or better yet 57.6 K baud. I am considering obtaining a few for some experimental full duplex VHF/UHF links and wonder if anyone knows or has tried one at a higher speed than 9600.

If there is someone out there who knows about these units and is willing to part with them at a reasonable price, please let me know.

73 - Mark, @aol.com
KB6ZVP @KB6ZVP.#LIN.NC.USA.NOAM
@K0-23, K0-25, U0-22

6. Mitreks

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 3 Sep 1996 23:22:55 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609040422.XAA12423@zeus.ia.net>
Rendered body type: text/plain

I've not tried Mitreks faster than 9600. I will say they are generally quite good at 9600 and run full duplex at 5MHz split.

At Dayton clean units with no accessories were going for \$100. There are now both A and B versions. Maybe some Motorola expert can contribute what the differences are.

If you aren't on NETSIG, I suggest you sign up as most of the radio mod experts are on that group.

73 Barry

7. [BBSSIG:3055] Re: Motorola Mitrek (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:53:13 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051153.GAA25395@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Motorola Mitrek

Mark the reciver is too narrow for anything above 19.2 kbs. Of course you can modify the reciver to work with the higher rates. And I am using all my Mitrek radios and don't know where to get any more. They used to be available at the Flagstaff AZ hamfest by the hundred's but now you don't see one.

73, karl

At 11:35 PM 9/3/96 -0500, you wrote:

> Greetings All:

>

> Can anyone tell me if the Mitrek Line from Motorola is capable of
>transmitting 19.2, 38.4, or better yet 57.6 K baud. I am considering
>obtaining a few for some experimental full duplex VHF/UHF links and wonder if
>anyone knows or has tried one at a higher speed than 9600.
> If there is someone out there who knows about these units and is willing to
>part with them at a reasonable price, please let me know.

>

>73 - Mark, @aol.com
> KB6ZVP @KB6ZVP.#LIN.NC.USA.NOAM
> @K0-23, K0-25, U0-22

>

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

8. [BBSSIG:3056] Re: Trouble with BPQ4.08 + FBBv7 + W95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:53:53 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051153.GAA25408@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Trouble with BPQ4.08 + FBBv7 + W95

Win95 is the culprit. It will not reliably operate with a TSR loaded from the autoexec.bat file. It will always show a COM port conflict when loading BPQ first. This is why your setup doesn't work.

With windows for workgroups you can tell windows that com3 does not exist, and then load BPQ first using com3. I have never learned how to tell Win95 com3 does not exist. And I have tried hard!

Finally I have gone a whole new way. I'm running Linux to make the computer look like a unix machine and have TNOS 2.02p12 loaded as my pbbs. It is working well now...but it was not easy.

73, karl

At 11:35 PM 9/3/96 -0500, you wrote:

> Greetings all:

>

> I have a little trouble getting BPQ v4.08 running with FBB v7.00a and Windows 95. Perhaps someone could help me out.

> BPQ loads fine in the autoexec.bat file and the switch operates well until I load Windows 95. Then the switch hears all the packet broadcasts, but will not key up the TNC, although if I monitor the switch with a terminal program (PAC4.EXE) I can see that the switch is attempting to send out response to >connects. I believe it is a Windows 95 related problem, because I can either >exit to DOS or shortcut to DOS and make the switch operate as it should.

> However returning to Windows 95 results in the same problem - the switch >wants to, but can't key up the TNC.

> Any thoughts/suggestions to help make this work would be most appreciated.

>

> Thanks - Mark, kb6zvp@aol.com

>

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

9. [BBSSIG:3057] Re: WinFBB and bpq408a in Win-95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>

Date: Thu, 5 Sep 1996 06:54:10 -0500 (CDT)

To: bbssig@tapr.org

Message-ID: <199609051154.GAA25421@zeus.ia.net>

Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>

Subject: Re: WinFBB and bpq408a in Win-95

If you load BPQ ****AND**** FBB into the same window of Win95 it will run. But as I pointed out in another message, you can not turn off com ports in Win95. You can do this using windows 3.1 and 3.11.

73, karl

At 11:35 PM 9/3/96 -0500, you wrote:

>Has ANYONE had any luck getting WinFBB and bpq408a to run in Win-95?

>I currently have WinFBB running under Win-95 on a Kam. It has been very

>stable with the KAM, However I would like to run it with the bpq 408a node

>and Kiss TNC's possibly multidropped at a later date. All attempts to date

>have failed. I have the bpq dll's installed but I have never been able to get

>bpq to run correctly. It will run for a short time and then FBB or bpq will

>GPF.

>I have the single inittnc1.sys installed and I am trying to use an MFJ 1270c

>and a PK-12 in Kiss mode that I ran with MSYS. ANY help would be GREATLY

>appreciated! You may reply via the bbssig or to my Email address listed

>below.

>

>Take Care

>Frank

>

>

>Frank Mondt N0SMS

>417-782-0269 417-782-8411 (DATA)

>Internet : n0sms@clandjop.com

>Packet BBS : N0SMS@N0SMS.#SWM0.MO.USA.NOAM

>AMPERNet : N0SMS@N0SMS.AMPR.ORG [44.46.208.33]

>

>

>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

10. [BBSSIG:3058] Re: Trouble with BPQ4.08 + FBBv7 + W95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:54:39 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051154.GAA25430@zeus.ia.net>
Rendered body type: text/plain

Sender: Larry and Mia Shotwell <pony@bright.net>
Subject: Re: Trouble with BPQ4.08 + FBBv7 + W95

Make sure that windows95 does not know anything about the serial ports that you are using with BPQ. Go to control panel then system then device manager then click on the ports and see what ports are defined in windows95. If any of the same ports that bpq is using are defined you must uninstall them from windows95 or both programs will be trying to talk to the same ports. Another trick is there is a bpqcode.386 windows95 driver that you probably should install that may be cointributing to your problems. Good luck. Larry

At 11:35 PM 9/3/96 -0500, you wrote:

> Greetings all
> I have a little trouble getting BPQ v4.08 running with FBB v7.00a and
> Windows 95. Perhaps someone could help me out.
> BPQ loads fine in the autoexec.bat file and the switch operates well until
> I load Windows 95. Then the switch hears all the packet broadcasts, but will
> not key up the TNC, although if I monitor the switch with a terminal program
> (PAC4.EXE) I can see that the switch is attempting to send out response to
> connects. I believe it is a Windows 95 related problem, because I can either
> exit to DOS or shortcut to DOS and make the switch operate as it should.
> However returning to Windows 95 results in the same problem - the switch
> wants to, but can't key up the TNC.
> Any thoughts/suggestions to help make this work would eb most appreciated.
>
> Thanks - Mark, kb6zvp@aol.com
>
>
>
>

11. [BBSSIG:3059] RE: Motorola Mitrek (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:55:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051155.GAA25447@zeus.ia.net>
Rendered body type: text/plain

Sender: roy wilmer <rwilmer@intermind.net>
Subject: RE: Motorola Mitrek

Mark try Lisa at LML in Southern Calif.
voice 909 873-1319 fax 909 820-1885
they will crystal and tune there used equipment for you at a fair price
good luck roy

rwilmer@intermind.net
K7ywf

```
begin 600 WINMAIL.DAT
M>)\^(B(0'0:0' '$'~~~~~!''$''0>0!@`('~~~Y 0'~~~~~#H`$-@ 0`
M`@`~~~('`@`!!) &`'@`!`~!`~!`#`~~~`,`#`#`~~~`P`/#@`~~~~`?`/
M`0`~~~`#T`~~~~~@2L?I+ZC$!F=;@#=`0J4`@`~~~~!B8G-S:6= =%%P<BYO
M<F<`4TU44`!B8G-S:6= =%%P<BYO<F<`~~~~'@`", $`~~~~%`~~~4TU44`~
M`~~>~~,P`0`~~~~!`~~~!B8G-S:6= =%%P<BYO<F<`~~P`5#`$`~~~`#`/X/!@`~
M`!X`'3`!`~~~~$@`~~~~=B8G-S:6= =%%P<BYO<F<G`~~~~@`$+, $`~~~~5`~
M4TU44#I"0E-324= 5$%04BY/4D<~~~~~P`~,0`~~~~+`$`Z`0`~~~~(!]@`!
M`~~~~!`~~~~~.S*P$(@ <`&`~~~$E032Y-:6-R;W-09G0@36I;"Y.;WIE
M`#$(`02`0`B`~~~~4D4Z(%M"0E-324<Z,S U,ET@36]T;W)O:&$@36ET<F5K
M`&`*`06`P`~~~~S<)`0`"0`*`#<`P`M`0$@@`,`#@`~~,P`"0`$`~D`
M`0`=~~,`"@`$!"8`!`"$`~~~~W,4)#1CDU0C)%,#9$,#$Q,$$V,3 P.# T.$4X
M-S(W1@`-!P$#D 8`S`(`!(`~~~+`",~~~~~,)@`~~~~~"P`I`$`~~~~#
M`#8`~~~~~$`~.0" 8QJG>YJ[1X<`~!`~~~~(@`~~~)%`~.B!;0D)34TE'.C,P
M-3)=(SU0=&]R;VQA($UI=')E:P`~~~~(!<0`!`~~~~%@`~~~~&[FGNG&EOYO'(&
M+A`0BF$`@SCH<G\`!X`'@P!`~~~~P`~~~$U3`~~~>`!\,`0`~~~~!(`~!7:6YD
```

```
M;W=S+U)/65<04D]95P``,`!A @ILMT`P`'$)L`>`@0`0`&4`!-
M05)+5%)93$E304%43$U,24Y33U542$523D-!24Q&5D])0T4Y,#DX-S,M,3,Q
M.49!6#DP.3@R,"TQ.#@U5$A%65=)3$Q#4EE35$%,04Y$5%5.151(15)%55-%
M1$5154E0345.```````(!"1 !`````3 $``$@!``#B`0``3I&=0:DA\3_``H!
M#P(5`J@ZP*#`%`"\@D`&-H"L!S970R-P8`!L,"@S(#Q0(`<')"<1'B<WIE
M:0*#,W<`Y`<3`H!]"H (SPG9._$6#S(U-0* "H$-L0M@X&YG,3 S%% +"A11
M!POQ!= *P&L@=')YB" @3 0`82!A!4!P3$U,( N !@`(8'2*: 220PMP;&8N
M&S !"H5V;VEC92 Y`# Y(#@W,RTQC#.Q'D >X69A>!LPQQXC`= >D#@X-0J%
M'''[&R #\&P#( 4`$[$'0!N0Y&YD&0!U;AX`)(6$(P@=1&P(>!E<74%(.\'
M@ (P'Q %L7D(8!N2&X ]'R!I!< 34!WA"H4@9^IO!' @'D!C&N ;, -@-GD*
MA0J%<B#Q!X!R0),+@!/0<FT+@&0N(B""= J%2S=Y=V8FG L*A14Q`"L0`P`0
M$ ``````#`!$0`````$ `!S# ?+15>IJ[`4 `## ?+15>IJ[`1X`/0`!````
,!0```%)%.B ``````IZT`
`
end
```

12. [BBSSIG:3060] 40M CLOVER (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:55:39 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051155.GAA25461@zeus.ia.net>
Rendered body type: text/plain

Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: 40M CLOVER

Looking for anyone interested in running some tests
on 40M clover. Testing the HAL DSP4100, and need some
serious quantity of data to forward ...

If you are interested, please reply to w0rli@w0rli.or.usa.noam.

I'm setup and running now, fixed freq 7087.00, can QSY if needed.

... Hank

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

13. [BBSSIG:3061] Re: WinFBB and bpq408a in Win-95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:56:00 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051156.GAA25470@zeus.ia.net>
Rendered body type: text/plain

Sender: Carol Byers <crbyers@garlic.com>
Subject: Re: WinFBB and bpq408a in Win-95

Frank D Mondt wrote:

```
>
> Has ANYONE had any luck getting WinFBB and bpq408a to run in Win-95?
> I currently have WinFBB running under Win-95 on a Kam. It has been very
> stable with the KAM, However I would like to run it with the bpq 408a node
> and Kiss TNC's possibly multidropped at a later date. All attempts to date
> have failed. I have the bpq dll's installed but I have never been able to get
> bpq to run correctly. It will run for a short time and then FBB or bpq will
> GPF.
> I have the single initncl.sys installed and I am trying to use an MFJ 1270c
> and a PK-12 in Kiss mode that I ran with MSYS. ANY help would be GREATLY
> appreciated! You may reply via the bbssig or to my Email address listed
> below.
>
> Take Care
> Frank
>
> Frank Mondt                      N0SMS
> 417-782-0269                    417-782-8411 (DATA)
> Internet : n0sms@clandjop.com
> Packet BBS : N0SMS@N0SMS.#SWMO.MO.USA.NOAM
> AMPERNet : N0SMS@N0SMS.AMPR.ORG [44.46.208.33]
Frank,
```

Forwarded your msg to Bob, WB6ZVW ... who runs BPQ, win95, and AA4RE ...
he may have an idea ... am planning to do the same in the next 6
months...let me know if you solve the problem.

14. [BBSSIG:3062] Re: Motorola Mitrek (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 06:57:01 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609051157.GAA25487@zeus.ia.net>
Rendered body type: text/plain

Sender: John Ackermann <jra@febo.com>
Subject: Re: Motorola Mitrek

(As Barry suggested in his message, I'm cc'ing this to the NETSIG group.)

I've been working on trying to get a Mitrek running at 19.2kB to be compatible with our Kantronics D4-10 radios. The verdict so far: well, maybe.

To be compatible with the D4-10, the TX needs to be capable of +/-10kHz FSK. It can do this with enough drive voltage (nearly 12 volts of low impedance drive is needed), but the channel element is AC coupled, so there is a potential for baseline wander. I don't know if this will be a problem in practice or not.

The circuit I have lashed together at the moment is really simple... just a transistor switch keyed by the TTL data line, running with three stages of RC low pass filter directly into the modulation input of the channel element. I'm using 100 ohm series resistance, and .022 shunt to ground, in the RC filters and this seems to generate an output waveform that's within FCC spec and looks on a spectrum analyzer "sort of" like the D4 transmit waveform (since the D4 uses brute-force FSK, and not G3RUH filtering, the waveform matching shouldn't be the issue that it is for 9600 with the RUH modems).

Doing 19.2 with G3RUH modems should be a snap if you can generate a few volts of audio to shove directly into the channel element, bypassing the TX audio strip with its pre-emphasis and splatter filter.

The RX is another matter. There are 4 10.7 MHz crystal filters in the IF strip that determine selectivity, and I haven't been able to find any source for these filters with significantly wider (like 60kHz) bandwidth.

It may be possible to use 10.7MHz ceramic filters with suitable impedance matching, but I haven't had a chance to try that yet, and even there I haven't found filters with the ideal bandwidth, though I suspect they would be available if you knew where to look.

My secret plan was to replace the entire Mitrek IF strip and detector with a reverse engineered Kantronics D4 receiver IF and detector strip, which isn't a big deal as it's a single chip MC3362 design. We have a schematic put together, but the guy who was going to do the layout has sort of disappeared from the scene. This would work nicely, as it would allow use of the Mitrek's excellent front end, first mixer, and LO in conjunction with the wideband IF and detector. Since the Mitrek first IF is 10.7 MHz, and that's the second IF of the D4, it should fit together nicely.

So, all we need to do is get someone to do a board layout and build up a prototype, and see if it all works...

Again, using G3RUH modems instead of straight FSK would reduce the RX bandwidth required, but I still think you'd have trouble finding 10.7MHz crystal filters to do the job.

Finally, turnaround time is a question. My test bed is a full duplex repeater (I hope to get the Mitrek TX in service there within the next couple of weeks), so turnaround isn't a major issue for me at this stage. I've heard that the Mitreks are pretty quick, and they use a small reed relay for antenna switching, so the turnaround time might be OK in half duplex mode. The issues are the speed of the relay, and a keyup delay circuit in the TX that I thought was longer, but which the Mitrek manual says is only 15ms -- noticeable, but not a killer.

73,
John AG9V
jra@febo.com

> Greetings All:
>
> Can anyone tell me if the Mitrek Line from Motorola is capable of
> transmitting 19.2, 38.4, or better yet 57.6 K baud. I am considering

> obtaining a few for some experimental full duplex VHF/UHF links and wonder if
> anyone knows or has tried one at a higher speed than 9600.
> If there is someone out there who knows about these units and is willing to
> part with them at a reasonable price, please let me know.
>
> 73 - Mark,
> @aol.com
> KB6ZVP @KB6ZVP.#LIN.NC.USA.NOAM
> @K0-23, K0-25, U0-22
>
>

15. [BBSSIG:3071] Re: WinFBB and bpq408a in Win-95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 20:27:45 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609060127.UAA08933@zeus.ia.net>
Rendered body type: text/plain

Sender: Larry and Mia Shotwell <pony@bright.net>
Subject: Re: WinFBB and bpq408a in Win-95

At 06:56 AM 9/5/96 -0500, you wrote:
> If you load BPQ ****AND**** FBB into the same window of Win95 it
> will run. But as I pointed out in another message, you can not turn off com
> ports in Win95. You can do this using windows 3.1 and 3.11.
>
> 73, karl
Actually you can turn com ports off in windows95 and it is quite simple.
Here's how to do it:

click on start then settings then control panel then system then device
manager then double click on ports to expand the ports section to show all
of the ports that are defined. Now double click on the port that you want
to disable. Towards the bottom of the window is a box called device usage.
Inside this box is a small check box that is checked called "original
configuration (current)" uncheck the box then click on OK and the port is
disabled. After you click ok you should see a red X over the icon for the
port signifying that it is disabled. I think you have to reboot for it to
take effect though.

If you want bpq to talk to fbb in seperate windows you must load the
bpqcode.386 driver file for windows. Incidentally does anyone know how to
uninstall this file? The bpq program loaded it for me and I have not been
able to find where in the registry it is being loaded. I have searched for
it using the automated search and manually looked all through the file.
Nowhere to be found there or in any .ini files that I have checked.

Larry

16. [BBSSIG:3072] Re: Trouble with BPQ4.08 + FBBv7 + W95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 20:28:15 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609060128.UAA08969@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Trouble with BPQ4.08 + FBBv7 + W95

At 06:56 AM 9/5/96 -0500, you wrote:
> Make sure that windows95 does not know anything about the serial ports that
> you are using with BPQ. Go to control panel then system then device manager
> then click on the ports and see what ports are defined in windows95.
> If any of the same ports that bpq is using are defined you must uninstall
> them from windows95 or both programs will be trying to talk to the same
> ports. Another trick is there is a bpqcode.386 windows95 driver that you
> probably should install that may be contributing to your problems. Good
> luck. Larry
>
>

Larry, I know how to turn off com ports in windows 3.1 but do not
know how to do it in Win95. Please provide details on how to do this in Win95.

Thanks and 73 de karl k5di

```

>
>At 11:35 PM 9/3/96 -0500, you wrote:
>> Greetings all
>> I have a little trouble getting BPQ v4.08 running with FBB v7.00a and
>>Windows 95. Perhaps someone could help me out.
>> BPQ loads fine in the autoexec.bat file and the switch operates well until
>>I load Windows 95. Then the switch hears all the packet broadcasts, but will
>>not key up the TNC, although if I monitor the switch with a terminal program
>>(PAC4.EXE) I can see that the switch is attempting to send out response to
>>connects. I believe it is a Windows 95 related problem, because I can either
>>exit to DOS or shortcut to DOS and make the switch operate as it should.
>> However returning to Windows 95 results in the same problem - the switch
>>wants to, but can't key up the TNC.
>> Any thoughts/suggestions to help make this work would eb most appreciated.
>>
>> Thanks - Mark, kb6zvp@aol.com
>>
>>
>>
>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

```

17. [BBSSIG:3073] Re: 40M CLOVER (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 20:28:38 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609060128.UAA08986@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: 40M CLOVER

```

```

At 06:56 AM 9/5/96 -0500, you wrote:
>Looking for anyone interested in running some tests
>on 40M clover. Testing the HAL DSP4100, and need some
>serious quantity of data to forward ...

```

Send me a HAL DSP4100 and I will give it a try Hank. Or will be willing to run plain packet at 300 baud as a baseline. We are about 900 miles apart and should be good in the morning and nighttimes...

73, karl k5di

```

>
>If you are interested, please reply to w0rli@w0rli.or.usa.noam.
>
>I'm setup and running now, fixed freq 7087.00, can QSY if needed.
>
> ... Hank
>
>
>Hank Oredson @ Mentor Graphics      Library Operations
>Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

```

18. [BBSSIG:3075] Re: Motorola Mitrek (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 20:32:15 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609060132.UAA09111@zeus.ia.net>
Rendered body type: text/plain

Sender: doug cole <dcole@on-ramp.ior.com>
Subject: Re: Motorola Mitrek

```

well the best source I have found to get mitreks is either from the local motorola dealer , as in see if they have any used trade ins they are willing to get rid of (which is how I got alot of mine) or call C-W Wolfe in billings montana I purchased some t44jja3000dk from him which are the 35 watt 406-420 split units and they go up to the low

amateur band just fine
I think he wants about 150.00 for them without accys. (cables, head,mic)
he had a pile of them (literally) the last time I was there.
and if you tell him that you are an amateur and you want to use it for
amateur use he will give you a discount if you buy enough (I weasled him
down to 100.00 a unit)
some day I am going to write a handbook on the mitrek as it seems to be
geting so popular in the amateur market and since I have been working on
them in the commercial market since about 1983 and have many horror
stories to tell...
also if you are looking for another mitrek in sheeps clothing then when
you see a motrek pick it up because it is just a low end mitrek (looser
spec's and fewer options) but still a great packet radio!
I you have any questions feel free to email me.
73's
--

```
^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^  
^   Doug Cole                               ^  
^   dcole@on-ramp.ior.com                   ^  
^   amateur radio call N7BFS                 ^  
^   amsat member # 26182                     ^  
^   spokane , wa                             ^  
^                                             ^  
^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^
```

19. Good Data !!!

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 5 Sep 1996 20:36:56 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609060136.UAA09240@zeus.ia.net>
Rendered body type: text/plain

A big thanks to all the folks who have contributed here in the last week.
This activity may signify the end of the summer season. Its hurricane
season in the SE and heard of snow predicted in the higher elevations of
the R0ckies.

Larry - the Win95 data is great. You might post more about what you're
running for both HW and SW just to smoke out a few Win95 players.

Seems like the Mitreks are well regarded and appropriately popular. I don't
subscribe to NETSIG so I'm not sure how much of this was duplicate info.
John, you might post a note here if a good thread gets going on Netwig about
running 19.2

73 Barry

20. [BBSSIG:3082] Control Com in Win95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 6 Sep 1996 17:26:40 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609062226.RAA05632@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Control Com in Win95

Here is the EXACT way to turn off a com port so that BPQ can be
loaded using autoexec.bat in Win95 and not have a interrupt conflict:

Actually you can turn com ports off in windows95 and it is quite simple.
Here's how to do it:

click on start then settings then control panel then system then device
manager then double click on ports to expand the ports section to show all
of the ports that are defined. Now double click on the port that you want
to disable. Towards the bottom of the window is a box called device usage.
Inside this box is a small check box that is checked called "original
configuration (current)" uncheck the box then click on OK and the port is
disabled. After you click ok you should see a red X over the icon for the
port signifying that it is disabled. I think you have to reboot for it to
take effect though.

If you want bpq to talk to fbb in seperate windows you must load the
bpqcode.386 driver file for windows. Incidentally does anyone know how to
uninstall this file?

Sorry Larry, I have not loaded that I don't think in this loading of Win95. But I tried the method you wrote to turn off com 4 on this computer and it worked EXACTLY as you say it does. I now have a red x over the icon for com4.

But save this message if you ever plan to load BPQ with win95. It will make it possible!

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

21. [BBSSIG:3084] Solved!!! Trouble with BPQ4.08 + FBBv7 + W95 (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 6 Sep 1996 17:28:25 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609062228.RAA05679@zeus.ia.net>
Rendered body type: text/plain

Sender: KB6ZVP@aol.com
Subject: Solved!!! Trouble with BPQ4.08 + FBBv7 + W95

Thanks all, I set maxcomports=0 in the system.ini under (386enh). Removed all other references to comports in the same section. I am running a full F6BBS setup with BPG now in the same computer as my satellite station (WiSP). Everything is rock steady with zero crashes in over seven days now.

73 - Mark, kb6zvp@aol.com

22. [BBSSIG:3081] Missing memory (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 6 Sep 1996 17:25:59 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609062225.RAA05614@zeus.ia.net>
Rendered body type: text/plain

Sender: Kevin Williams <kevin_williams@eee.org>
Subject: Missing memory

Hello all,

I just had my BBS computer crash and I had to replace the motherboard. The new motherboard is a 486 dx2-66. The problem that I am having is that I do not have the 384K of memory above the conventional 640K.

Here is the story.

The motherboard crashed so I went and got a used 486 dx2-80 and was going to use that, but noticed that during the POST it was only counting to 3607 (or something close to that) instead of the full four meg 4096. I was having other problems with it locking up, so decided to go ahead and buy a new motherboard. I got a new 486 dx2-66 and it is having the exact same problem. The 486 dx2-66 motherboard is 'exactly' the same as this (the one I am typing on) computer. This computer counts all the way to 16 meg, and shows the 384K as reserved memory. Both computers have the same BIOS. I can't figure out what the difference is, and I NEED that 384K of memory.

Has anyone ran into this strange problem before? How do I get the 384K of memory back?

Thanks in advance

73

Kevin

--

Kevin Williams KN6UO
Internet - kevin_williams@eee.org
AX25 - KN6UO@KE6TXE.#SOCA.CA.USA.NOAM

23. [BBSSIG:3088] [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 7 Sep 1996 08:08:44 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609071308.IAA26552@zeus.ia.net>
Rendered body type: text/plain

Sender: Carol Byers <crlbyers@garlic.com>
Subject: [Fwd: Error Message]

This is a multi-part message in MIME format.

-----3C843476384
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have been helping our radio club set-up a local PBBS. The following error msg randomly occurs while the BBS is running...we are using the last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to effect anything...any advise would be greatly appreciated.

Carol, W9HGI CA SATGATE

-----3C843476384
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from i.sm2.garlic.com by garlic.com (8.7.5/4.03)
id RAA69786; Thu, 5 Sep 1996 17:30:50 GMT
Date: Thu, 5 Sep 1996 17:30:50 GMT
Message-Id: <199609051730.RAA69786@garlic.com>
X-Sender: mick@garlic.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: crlbyers@garlic.com
From: mick@garlic.com (mickhannigan)
Subject: Error Message

Carol,

The error message we were waiting to write it down if it occurred again is as follows:

G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE does not match that of BPQNODES.

Got to run
Mick

-----3C843476384--

24. [BBSSIG:3089] Re: Missing memory (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 7 Sep 1996 08:09:25 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609071309.IAA26560@zeus.ia.net>
Rendered body type: text/plain
Sender: Larry and Mia Shotwell <pony@bright.net>
Subject: Re: Missing memory

At 05:47 PM 9/6/96 -0500, you wrote:

>Hello all,
>

>I just had my BBS computer crash and I had to replace the motherboard. The
>new motherboard is a 486 dx2-66. The problem that I am having is that I do
>not have the 384K of memory above the conventional 640K.

>
>Here is the story.

>
>The motherboard crashed so I went and got a used 486 dx2-80 and was going to
>use that, but noticed that during the POST it was only counting to 3607 (or
>something close to that) instead of the full four meg 4096. I was having
>other problems with it locking up, so decided to go ahead and buy a new
>motherboard. I got a new 486 dx2-66 and it is having the exact same
>problem. The 486 dx2-66 motherboard is 'exactly' the same as this (the one
>I am typing on) computer. This computer counts all the way to 16 meg, and
>shows the 384K as reserved memory. Both computers have the same BIOS. I
>can't figure out what the difference is, and I NEED that 384K of memory.

>
>Has anyone ran into this strange problem before? How do I get the 384K of
>memory back?
>

Go into your bios setup when you first boot the computer. Look for system rom cashing, video bios cashin and other adapter rom cashing. These all use up that memory so you need to turn them off or disable them. Some motherboards have an option for turning on and off the remaping of that 384k memory to the top of the memory pool. A few cheaper (mostly older) motherboards have no provisions to use the top 384k of the first meg and make you throw it away.
Larry

>Thanks in advance
>73
>Kevin
>--
>Kevin Williams KN6UO
>Internet - kevin_williams@eee.org
>AX25 - KN6UO@KE6TXE.#SOCA.CA.USA.NOAM
>
>
>
>

25. [BBSSIG:3090] Re: Missing memory (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sat, 7 Sep 1996 08:10:14 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609071310.IAA26578@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Missing memory

Sounds to me like you have a faulty 4 meg ram pack. If you want to test this and have worked with ram packs before, take the 16 meg from your good puter and try them in the new motherboard. It will run fine. Send me your old 80 MHz board since it's faster than this one!...hi

At 05:47 PM 9/6/96 -0500, you wrote:

>Hello all,
>
>I just had my BBS computer crash and I had to replace the motherboard. The
>new motherboard is a 486 dx2-66. The problem that I am having is that I do
>not have the 384K of memory above the conventional 640K.
>
>Here is the story.
>
>The motherboard crashed so I went and got a used 486 dx2-80 and was going to
>use that, but noticed that during the POST it was only counting to 3607 (or
>something close to that) instead of the full four meg 4096. I was having
>other problems with it locking up, so decided to go ahead and buy a new
>motherboard. I got a new 486 dx2-66 and it is having the exact same
>problem. The 486 dx2-66 motherboard is 'exactly' the same as this (the one
>I am typing on) computer. This computer counts all the way to 16 meg, and
>shows the 384K as reserved memory. Both computers have the same BIOS. I
>can't figure out what the difference is, and I NEED that 384K of memory.
>
>Has anyone ran into this strange problem before? How do I get the 384K of
>memory back?
>
>Thanks in advance
>73
>Kevin
>--
>Kevin Williams KN6UO
>Internet - kevin_williams@eee.org
>AX25 - KN6UO@KE6TXE.#SOCA.CA.USA.NOAM
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

26. [BBSSIG:3094] Re: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 8 Sep 1996 10:22:03 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199609081522.KAA21520@zeus.ia.net>
Rendered body type: text/plain
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: [Fwd: Error Message]

With BPQ you need to read what the error message says and then do a literal translation of it. It says the program files your using are from different versions of the BPQ software.

Solve this problem by getting a zipped file of the version of BPQ you want and unzip it on top of the existing, but save your bpqcfg.txt file in another directory. Transfer your file back when it's done and it will all work fine.

If you can't find the software let me know and I'll file attach it to you...

karl k5di

At 08:27 AM 9/7/96 -0500, you wrote:
>This is a multi-part message in MIME format.
>
>-----3C843476384
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit
>
>Have been helping our radio club set-up a local PBBS. The following
>error msg randomly occurs while the BBS is running...we are using the
>last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
>effect anything...any advise would be greatly appreciated.
>
>Carol, W9HGI CA SATGATE
>
>-----3C843476384
>Content-Type: message/rfc822
>Content-Transfer-Encoding: 7bit
>Content-Disposition: inline
>
>Received: from i.sm2.garlic.com by garlic.com (8.7.5/4.03)
> id RAA69786; Thu, 5 Sep 1996 17:30:50 GMT
>Date: Thu, 5 Sep 1996 17:30:50 GMT
>Message-Id: <199609051730.RAA69786@garlic.com>
>X-Sender: mick@garlic.com
>X-Mailer: Windows Eudora Version 1.4.4
>Mime-Version: 1.0
>Content-Type: text/plain; charset="us-ascii"
>To: crlbyers@garlic.com
>From: mick@garlic.com (mickhannigan)
>Subject: Error Message
>
>Carol,
>
>The error message we were waiting to write it down if it occurred again is
>as follows:
>
>G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE
>does not match that of BPQNODES.
>
>Got to run
>Mick
>
>
>
>
>-----3C843476384--
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

27. [BBSSIG:3095] RE: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 8 Sep 1996 10:22:17 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199609081522.KAA21528@zeus.ia.net>

Rendered body type: text/plain

Sender: "EDWARD J. SADOWSKI, JR." <EDSADOW@ids.net>

Subject: RE: [Fwd: Error Message]

That error message applies only to the bpq switch. Either you have the wrong version of the bpqnodes routine or you don't have it set up properly. Please send me a copy of your bbs/node bootup batch file and a copy of your bpqcfg.txt file directly to my e-mail address. I have been running this combo for years without any problems at all. Also, let me know if you have uuencode/decode or mime capabilities. If need be, I can encode my bpqnodes routine and e-mail it to you. BTW, that routine is used only for saving a node heardlist for bpq and won't affect the operation of the bbs.

73, Ed, K1BYV

28. [BBSSIG:3098] FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>

Date: Mon, 9 Sep 1996 20:59:37 -0500 (CDT)

To: bbssig@tapr.org

Message-ID: <199609100159.UAA01330@zeus.ia.net>

Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)

Subject: FBB+BPQ+JNOS

I believe I have seen here in the past one or two stations saying they were running FBB & JNOS on different machines with BPQ over Ethernet between them. I have been doing just that but with 2 FBB stations and it worked fine. However I have not been able to get JNOS to talk to the external BPQ even with NODEDRV4.

I would appreciate some advice from anyone using such combination.

Or should I be trying to do it with either internal (NOS) netrom, or maybe straight AX25 and Packet driver to EtherNet_II?

Thanks,

Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM

Cornwall, PE E-mail: rmackay@peinet.pe.ca

29. [BBSSIG:3099] Re: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>

Date: Mon, 9 Sep 1996 21:00:39 -0500 (CDT)

To: bbssig@tapr.org

Message-ID: <199609100200.VAA01367@zeus.ia.net>

Rendered body type: text/plain

Sender: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>

Subject: Re: [Fwd: Error Message]

Hi Carol and Mick,

 If I read this correct in the first para you tell us you are running BPQ 4.08a but in the last para you say that the BPQNODES save doesn't match BPQ 4.07a ...

Answer is to USE all the Version 4.08a Files or use all V 4.07a files, you can't mix and match EXE from different versions..

73 Phillip ZL2TZE

Have been helping our radio club set-up a local PBBS. The following

> error msg randomly occurs while the BBS is running...we are using the
> last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
> effect anything...any advise would be greatly appreciated.

>

> Carol, W9HGI CA SATGATE

>

> Carol,

>

> The error message we were waiting to write it down if it occurred again is
> as follows:

>

> G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE

> does not match that of BPQNODES.

>

> Got to run

> Mick

> --
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail phil@zl2tze.mlb.planet.gen.nz

30. [BBSSIG:3102] ARRL Letter to FCC (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 10 Sep 1996 08:06:08 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199609101306.IAA16391@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: ARRL Letter to FCC

I am sure glad Greg posted his message about the flawed way FCC placed a safety RF limit on Hams. FCC said that hams have no way to measure the health effects of the RF they generate, but in fact I suggest that FCC doesn't know how to do this either. It's possible they put this limit on Hams hoping they would show the methods to calculate the proper level.

karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

31. [BBSSIG:3103] Packet BBS software for Linux other than TNOS? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Tue, 10 Sep 1996 08:06:22 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199609101306.IAA16412@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Packet BBS software for Linux other than TNOS?

Larry and Mia Shotwell wrote:

>
> At 05:47 PM 9/6/96 -0500, you wrote:
> >Hello all,
> >
> >I just had my BBS computer crash and I had to replace the motherboard. The
> >new motherboard is a 486 dx2-66. The problem that I am having is that I do
> >not have the 384K of memory above the conventional 640K.
> >
> >Here is the story.
> >
> >The motherboard crashed so I went and got a used 486 dx2-80 and was going to
> >use that, but noticed that during the POST it was only counting to 3607 (or
> >something close to that) instead of the full four meg 4096. I was having
> >other problems with it locking up, so decided to go ahead and buy a new
> >motherboard. I got a new 486 dx2-66 and it is having the exact same
> >problem. The 486 dx2-66 motherboard is 'exactly' the same as this (the one
> >I am typing on) computer. This computer counts all the way to 16 meg, and
> >shows the 384K as reserved memory. Both computers have the same BIOS. I
> >can't figure out what the difference is, and I NEED that 384K of memory.
> >
> >Has anyone ran into this strange problem before? How do I get the 384K of
> >memory back?
> >
> >
> >Go into your bios setup when you first boot the computer. Look for system
> >rom caching, video bios cashin and other adapter rom caching. These all use
> >up that memory so you need to turn them off or disable them. Some
> >motherboards have
> >an option for turning on and off the remaping of that 384k memory to the top
> >of the memory pool. A few cheaper (mostly older) motherboards have no
> >provisions to use the top 384k of the first meg and make you throw it away.
> >Larry
> >
> >Thanks in advance
> >73
> >Kevin
> >--
> >Kevin Williams KN6UO
> >Internet - kevin_williams@eee.org
> >AX25 - KN6UO@KE6TXE.#SOCA.CA.USA.NOAM
> >
> >
> >

> > Is there any (public domain) packet bbs software for linux
other than TNOS?

Chuck

32. [BBSSIG:3106] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:07:52 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609111707.MAA19768@zeus.ia.net>
Rendered body type: text/plain

Sender: John Zantek <wx3k@gw.wx3k.ampr.org>
Subject: Re: Packet BBS software for Linux other than

At 08:24 AM 9/10/96 -0500, Charles E. Gelm wrote:
> Is there any (public domain) packet bbs software for linux
>other than TNOS?

F6FBB is working on a porting to Linux. As soon as I
can find a Beta site, I intend to run it through the
wringers. Film at 11.

N0ARY wrote a good BBS for SunOS, which I think
was ported to Linux in preparation for the Linux-for-
Hams CD, which is still in the hangar. I'd suggest
contacting the author directly: bob@arasmith.com.

There was a JNOS ported to Linux back in the
1.09 era. Development was discontinued in
favor of TNOS.

73 John

```
  _
  | |
  | | ( ) ( ) | | \ ( ) | | | | /
  | | / / \ | | | | | | | | | | \
  | | ( ) \ | | | | | | \ | | | | \
  | | / wx3k@gw.wx3k.ampr.org / zantek@acom.mil
  | | http://wx3k.ampr.org/
```

33. [BBSSIG:3107] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:08:20 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609111708.MAA19780@zeus.ia.net>
Rendered body type: text/plain

Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: FBB+BPQ+JNOS

At 09:20 PM 9/9/96 -0500, you wrote:
>I believe I have seen here in the past one or two stations saying they were
>running FBB & JNOS on different machines with BPQ over Ethernet between them.
>I have been doing just that but with 2 FBB stations and it worked fine.
>However I have not been able to get JNOS to talk to the external BPQ even
>with NODEDRV4.
>I would appreciate some advice from anyone using such combination.
>Or should I be trying to do it with either internal (NOS) netrom, or maybe
>straight AX25 and Packet driver to EtherNet_II?

Pick up the archive BPQETHER.ZIP from tapr (or other ftp sources).
It has all the various drivers you need, plus instructions.

I run 3 systems, all linked via an ethernet.

sys 1: bpq + ipgate
sys 2: bpq + nos
sys 3: Win 95

All can talk to each other, and the outside world via ham radio.

Can provide exact setup details, but those are at home (w0rli@w0rli.or.usa.noam)

There are 4 or 5 sysops in the Portland area using ethernet to put multiple computers onto the ham radio network. It works fine!

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM

34. [BBSSIG:3108] PKZIP Problems E-Mail Forwards Read ! (fwd)

From: Barry Buelow WAØRJØT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:09:56 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609111709.MAA19832@zeus.ia.net>
Rendered body type: text/plain

Sender: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Subject: PKZIP Problems E-Mail Forwards Read !

Hi,

This may be of Interest to those that use PKZIP and E-Mail to other BBS's

Many of us that have BBS's no doubt use PKZIP and in fact it is possibly one of our better tools for Compressing files etc..

I have over the last 2 days noticed something with my PKZIP 2.04g that be be of interest..

I forward mail to various Files the same as AMSAT but to Callsigns etc..

At a certain time I close the BBS down and run a Batch file to PKZIP these files etc about 25 ..

Now this is what I have found::

Smaller Files under meg zip up ok without CRC Errors but Larger Files 1 meg and more some times zip up but end up with CRC errors .. Now before I do this I check the ascii file for correctness ensuring that all files are complete..

I then PKUZIPPED them and found that several large files all had CRC errors and destroyed some of the mail not all of it..

You know the type that seem to have R Lines Wrecked and the message base screwed all over the place, similar to the ones on the Packet network that we ALL complain about..

Now I am wondering if anyone else has seen this happen to any Mail files that they zip up ???

To recap

- 1 / I Forward to say 25 different files (BBS's) at forwarding time
- 2 / I use PKZIP 2.04g
- 3 / Files are Zipped from a Batch file
- 4 / Files range from a few 100 k to 1.5 plus meg
- 5 / Not all files suffer from CRC Errors upond Unzipping only the larger files
- 6 / PC is a 386 DX 40 with 8 meg ram, the Batch file is run from DOS nothing else is running No TSRs as the PC is rebooted before hand.
- 7 / BBS software is 5.15c and I have never had any problems
- 8 / The very same mail was forwarded to my other BBS as regular mail via my BPQ Link and there was no corruption in any of the mail.
- 9 / I double checked the above forwarding with 2 of my partners and there mail was ok..

What I found today was this..

After Unzipping it all you would have thought that the mail had arrived via WINFBB 700 it looked just like that it had been EXPORTED (F8) to disk, IMPORTED (F7)..

Any ideas gentlemen I have rechecked all My PK files etc and I will do another test tomorrow when I have some more large files to process with the batch file.

73 Phillip ZL2TZE

--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz
Forward mail file to pmail@zl2tze.mlb.planet.gen.nz

35. [BBSSIG:3109] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:10:27 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199609111710.MAA19844@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Packet BBS software for Linux other than

At 08:24 AM 9/10/96 -0500, you wrote:
>Larry and Mia Shotwell wrote:
>>
>> At 05:47 PM 9/6/96 -0500, you wrote:
>> >Hello all,
>> >
>> >I just had my BBS computer crash and I had to replace the motherboard. The
>> >new motherboard is a 486 dx2-66. The problem that I am having is that I do
>>>
>> > Is there any (public domain) packet bbs software for linux
>other than TNOS?
>
>Chuck
>
Yes Chuck there is WAMPS but it's more NOS than PBBS. I can't
imagine why you could want more than tnos since it is much like FBB with
many improvements and a great NOS thrown in for good measure..

karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

36. [BBSSIG:3110] Re: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:10:46 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199609111710.MAA19852@zeus.ia.net>
Rendered body type: text/plain

Sender: Carol Byers <crlbyers@garlic.com>
Subject: Re: [Fwd: Error Message]

Phillip Conza wrote:
>
> Hi Carol and Mick,
> If I read this correct in the first para you tell us you
> are running BPQ 4.08a but in the last para you say that the BPQNODES save
> doesn't match BPQ 4.07a ...
>
> Answer is to USE all the Version 4.08a Files or use all V 4.07a files,
> you can't mix and match EXE from different versions..
>
> 73 Phillip ZL2TZE
>
> Have been helping our radio club set-up a local PBBS. The following
> > error msg randomly occurs while the BBS is running...we are using the
> > last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
> > effect anything...any advise would be greatly appreciated.
> >
> > Carol, W9HGI CA SATGATE
> >
> > Carol,
> >
> > The error message we were waiting to write it down if it occurred again is
> > as follows:
> >
> > G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE
> > does not match that of BPQNODES.
> >
> > Got to run
> > Mick
> > --
> Phillip Conza

> AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
> E-Mail phil@zl2tze.mlb.planet.gen.nz
Hi Phillip,

Understand what you say ... have checked the files and they are all from
4.08A ?? Don't know why we are getting the msg ??

37. [BBSSIG:3111] Re: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:11:08 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199609111711.MAA19860@zeus.ia.net>
Rendered body type: text/plain

Sender: Carol Byers <crlbyers@garlic.com>
Subject: Re: [Fwd: Error Message]

Karl F. Larsen wrote:

>
> With BPQ you need to read what the error message says and then do a
> literal translation of it. It says the program files your using are from
> different versions of the BPQ software.
>
> Solve this problem by getting a zipped file of the version of BPQ
> you want and unzip it on top of the existing, but save your bpqcfg.txt file
> in another directory. Transfer your file back when it's done and it will all
> work fine.
>
> If you can't find the software let me know and I'll file attach it
> to you...
>
> karl k5di
>
> At 08:27 AM 9/7/96 -0500, you wrote:
> >This is a multi-part message in MIME format.
> >
> >-----3C843476384
> >Content-Type: text/plain; charset=us-ascii
> >Content-Transfer-Encoding: 7bit
> >
> >Have been helping our radio club set-up a local PBBS. The following
> >error msg randomly occurs while the BBS is running...we are using the
> >last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
> >effect anything...any advise would be greatly appreciated.
> >
> >Carol, W9HGI CA SATGATE
> >
> >-----3C843476384
> >Content-Type: message/rfc822
> >Content-Transfer-Encoding: 7bit
> >Content-Disposition: inline
> >
> >Received: from i.sm2.garlic.com by garlic.com (8.7.5/4.03)
> > id RAA69786; Thu, 5 Sep 1996 17:30:50 GMT
> >Date: Thu, 5 Sep 1996 17:30:50 GMT
> >Message-Id: <199609051730.RAA69786@garlic.com>
> >X-Sender: mick@garlic.com
> >X-Mailer: Windows Eudora Version 1.4.4
> >Mime-Version: 1.0
> >Content-Type: text/plain; charset="us-ascii"
> >To: crlbyers@garlic.com
> >From: mick@garlic.com (mickhannigan)
> >Subject: Error Message
> >
> >Carol,
> >
> >The error message we were waiting to write it down if it occurred again is
> >as follows:
> >
> >G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE
> >does not match that of BPQNODES.
> >
> >Got to run
> >Mick
> >
> >
> >
> >
> >-----3C843476384--

> >
> >
> >
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
Hi Karl,

I'll try to do what you suggest ... I have a copy from the Tapr BBS.

Thanks,

Carol

38. [BBSSIG:3112] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 11 Sep 1996 12:11:41 -0500 (CDT)
To: bbssig@tapr.org (bbssig)
Message-ID: <199609111711.MAA19886@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FBB+BPQ+JNOS

Ron, just compile in the bpq driver that comes with nos from version 1.08 to present. Or use tnos. Or get the driver from ucsd and add it. It was written by Paul N5FAZ in El Paso, TX and I used it for 2-3 years and it worked perfect!

At 09:20 PM 9/9/96 -0500, you wrote:

>I believe I have seen here in the past one or two stations saying they were
>running FBB & JNOS on different machines with BPQ over Ethernet between them.
>I have been doing just that but with 2 FBB stations and it worked fine.
>However I have not been able to get JNOS to talk to the external BPQ even
>with NODEDRV4.
>I would appreciate some advice from anyone using such combination.
>Or should I be trying to do it with either internal (NOS) netrom, or maybe
>straight AX25 and Packet driver to EtherNet_II?
>Thanks,
>Ron
>-----
>Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
>Cornwall, PE E-mail: rmackay@peinet.pe.ca
>-----
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

39. Help (Fwd) (fwd)

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 12 Sep 1996 12:13:53 -0500 (CDT)
To: bbssig@tapr.org (BBS SIG mailing)
Message-ID: <199609121713.MAA02615@tapr.org>
Rendered body type: text/plain

Hi Gang.

We just got this message in via one or two forwards. Can the BBS SIG help.

Cheers - Greg, WD5IVD

Return-Path: <Martinsm@cg65.lajes.af.mil>
From: "Martins, Manuel Mr.; CIV" <Martinsm@cg65.lajes.af.mil>
Subject: Help
Date: Mon, 09 Sep 96 16:50:00 EDT
Return-Receipt-To: <Martinsm@cg65.lajes.af.mil>
Encoding: 24 TEXT

Dear Greg

My name is Manuel call sign CU3FM QTH Praia da Vitoria Terceira Island Azores Archipelago.

Sorry for wasting your time but thru Internet I found your are the president of TAPR, and I believe you can help me in providing th Azores Packet Net with messages from US.

We are in mid-Atlantic, we have an USAF bse here, a lot of Azorean and portuguese in US, there is no explanation for not having a full connection

to US in packet.

Please help me out in finding some BBS willing to do it in HF Packet, Pactor or Internet, than we will try to smoth the way, after that directly with that OM, in order not to waste your time leading TAPR.

I promise my buddies OM here in Azores to help on this project, because working on Base I can write English a little better.

Please I will appreciate some info about TAPR too.

E-Mail: martinsm@cg65.lajes.af.mil

packet: cu3fm@cu3ak.cuaz.prt.eu but only thru all@ww

mail: Manuel Martins

Estrada 25 de Abril 277

9760 Praia da Vitoria

Terceira Azores

73?s

40. [BBSSIG:3122] Re: PKZIP Problems E-Mail Forwards Read ! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>

Date: Thu, 12 Sep 1996 19:08:07 -0500 (CDT)

To: bbssig@tapr.org

Message-ID: <199609130008.TAA26649@zeus.ia.net>

Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>

Subject: Re: PKZIP Problems E-Mail Forwards Read !

Phillip you might want to try using an earlier version of pkzip. I am using zip and unzip that are part of Linux and they seem to work fine. But I do get files from wb7tls which fail with a crc error and when I look at them they are bad!

I think 2.04g is good software and I have had no problems. I use it to zip up many megabytes of stuff that use many floppies. That feature is worth a million bucks when you need it.

At 12:29 PM 9/11/96 -0500, you wrote:

>Hi,

>

>This may be of Interest to those that use PKZIP and E-Mail to other BBS's

>

> Many of us that have BBS's no doubt use PKZIP and in fact it is possibly one of our better tools for Compressing files etc..

>

>I have over the last 2 days noticed something with my PKZIP 2.04g that be be of interest..

>

>I forward mail to various Files the same as AMSAT but to Callsigns etc..

>

>At a certain time I close the BBS down and run a Batch file to PKZIP these files etc about 25 ..

>

>Now this is what I have found::

>

>Smaller Files under meg zip up ok without CRC Errors but Larger Files

>1 meg and more some times zip up but end up with CRC errors .. Now before

>I do this I check the ascci file for correctness ensuring that all files are complete..

>

>I then PKUZIPPED them and found that several large files all had CRC errors and destroyed some of the mail not all of it..

>

>You know the type that seem to have R Lines Wrecked and the message base

>screwed all over the place, similar to the ones on the Packet network that we ALL complain about..

>

>Now I am wondering if anyone else has seen this happen to any Mail files that they zip up ???

>

>To recap

>

>1 / I Forward to say 25 different files (BBS's) at forwarding time

>2 / I use PKZIP 2.04g

>3 / Files are Zipped from a Batch file

>4 / Files range from a few 100 k to 1.5 plus meg

>5 / Not all files suffer from CRC Errors upond Unzipping only the larger files

>

>6 / PC is a 386 DX 40 with 8 meg ram, the Batch file is run from DOS nothing

```

> else is running No TSRs as the PC is rebooted before hand.
>7 / BBS software is 5.15c and I have never had any problems
>8 / The very same mail was forwarded to my other BBS as regular mail via
> my BPQ Link and there was no corruption in any of the mail.
>9 / I double checked the above forwarding with 2 of my partners and there
> mail was ok..
>
>
>What I found today was this..
>
>After Unzipping it all you would have thought that the mail had arrived via
>WINFBB 700 it looked just like that it had been EXPORTED ( F8 ) to disk,
>IMPORTED ( F7 )..
>
>Any ideas gentlemen I have rechecked all My PK files etc and I will do another
>test tomorrow when I have some more large files to process with the batch
>file.
>
>73 Phillip ZL2TZE
>
>
>--
>Phillip Conza
>AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
>E-Mail private phil@zl2tze.mlb.planet.gen.nz
>Forward mail file to pmail@zl2tze.mlb.planet.gen.nz
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

```

41. [BBSSIG:3123] Re: [Fwd: Error Message] (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:08:37 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130008.TAA26663@zeus.ia.net>
Rendered body type: text/plain

```

```

Sender: "Nate Bargmann" <nbargman@ns.fullnet.net>
Subject: Re: [Fwd: Error Message]

```

Could it be that the actual text file of the neighbor and destination nodes that BPQ will save to disk is incompatible from 4.07 to 4.08a? It's been a while since I ran BPQ so I am guessing...a lot!

73 de Nate >>

P.S. I would copy BPQCFG.TXT to another directory to save it then delete everything in the current BPQ directory and re-install 4.08a from the .ZIP file. Then copy your BPQCFG.TXT to the BPQ directory re-run BPQCFG and see if things will work. Hope something in this message helps!

```

> Date: Wed, 11 Sep 1996 12:33:45 -0500 (CDT)
> Reply-to: bbssig@tapr.org
> From: Carol Byers <crlbyers@garlic.com>
> To: bbssig@tapr.org
> Subject: [BBSSIG:3117] Re: [Fwd: Error Message]

```

```

> Phillip Conza wrote:
> >
> > Hi Carol and Mick,
> >
> > If I read this correct in the first para you tell us you
> > are running BPQ 4.08a but in the last para you say that the BPQNODES save
> > doesn't match BPQ 4.07a ...
> >
> > Answer is to USE all the Version 4.08a Files or use all V 4.07a files,
> > you can't mix and match EXE from different versions..
> >
> > 73 Phillip ZL2TZE
> >
> > Have been helping our radio club set-up a local PBBS. The following
> > > error msg randomly occurs while the BBS is running...we are using the
> > > last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
> > > effect anything...any advise would be greatly appreciated.
> > >
> > > Carol, W9HGI CA SATGATE
> > >
> > > Carol,

```

```

> > >
> > > The error message we were waiting to write it down if it occurred again is
> > > as follows:
> > >
> > > G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE
> > > does not match that of BPQNODES.
> > >
> > > Got to run
> > > Mick
> > > --
> > Phillip Conza
> > AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
> > E-Mail phil@zl2tze.mlb.planet.gen.nz
> Hi Phillip,
>
> Understand what you say ... have checked the files and they are all from
> 4.08A ?? Don't know why we are getting the msg ??
>
>
>
---
```

nbargman@fullnet.net

Pattison's Law of Electronics
If more than one pair of wires are to be
connected, the first way blows the fuse.

42. [BBSSIG:3124] FBB Unprotos (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:08:48 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130008.TAA26672@zeus.ia.net>
Rendered body type: text/plain

Sender: Mark <mharloff@spacetechn.com>
Subject: FBB Unprotos
```

Hello to ALL..

I am running FBB 5.15C / BPQ 4.08A thru to diode matrix and 2 ports, a 440 X1J4 link port and a 2m X1J4 user port. I have been unable to get mail unprotos to go out from the BBS on the 2m user port. I have that function enabled in the port.sys and as far as I can see all of the X1J4 params are correct. The only area I am not sure of is the BPQCFG.TXT...

Any suggestions on where to look ??

73, Mark / KB2TXP <mharloff@spacetechn.com>

43. [BBSSIG:3125] Re: Packet BBS software for Linux other than (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:09:47 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130009.TAA26699@zeus.ia.net>
Rendered body type: text/plain

Sender: john.woodstock@usbbs.com (John Woodstock)
Subject: Re: Packet BBS software for Linux other than
```

Hello !!

JZ> F6FBB is working on a porting to Linux. As soon as I
JZ> can find a Beta site, I intend to run it through the
JZ> wringer. Film at 11.

JZ> N0ARY wrote a good BBS for SunOS, which I think
JZ> was ported to Linux in preparation for the Linux-for-
JZ> Hams CD, which is still in the hangar. I'd suggest
JZ> contacting the author directly: bob@arasmith.com.

JZ> There was a JNOS ported to Linux back in the
JZ> 1.09 era. Development was discontinued in
JZ> favor of TNOS.

Anything going on in FreeBSD that you know of??

John

```
*****
* Internet: woody@usbbs.com / Packet: N2HAA@KC2FD *
* Snail Mail: P.O. Box 436 / Coram NY 11727-0436 *
*****
```

```
-----
John Woodstock / Internet: woody@usbbs.com / Phone: 516-696-8416
Mail: P.O. Box 436, Coram NY 11727-0436
-----
```

WoodyWare Software, Inc. - Internet E-Mail Services
Info: info@usbbs.com

44. [BBSSIG:3126] TNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:11:08 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130011.TAA26734@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: TNOS

I like a challenge. Having heard from people I know to be honest that TNOS under Linux will be the future pbbs standard, I decided to learn how unix works. It took me a year to learn just how Linux is loaded and how it works.

I am now more at home with unix than dos. I use "cp /mnt/* ." every day and also "unzip k5di1" and zip tls 254 wb7tls.exp". You can make that year 3 months if you can devote a lot of time to reading and learning.

Linux can be loaded into a 45 meg partition on your hard drive. You switch from dos to unix using a floppy disk. Normally the computer comes up in dos. But with the linux boot floppy in the a: drive, it boots in unix. I use this and it works very well. Then use unix. This is how you learn.

TNOS is a challenge too. I have compiled my own NOS for many years. I wanted to compile tnos under unix. This was a major problem since the tnos source code was in constant flux and the documentation was from older and newer versions of tnos BOTH! With a lot of trouble I got tnos2.02p12 patched and compiled. You can get an already compiled version of tnos version 2.10 now and that may be the way to go in the future.

Once you get tnos running it will begin to show you all it's power. It forwards to FBB just like your older FBB did! It has a lot of nice features for the sysop and the user. If you want to be a Gateway then the tnos can do that while it is ALSO the pbbs! And you can be as I am the smtp gateway for all the guys on ham tcp/ip in the area. The problem I am having is there is no others in town that are interested in trying NOS. I set it up for them and they play with it for a week and then we see them never again.

The ability to have many areas with specific message types is very powerful. It takes the users a few weeks to learn how to use this feature but when they do they love it. Another feature that is nice is the ability to add functions to the pbbs symbol list that is shown to every user. I have the local gateway available by typing GW and the not local DX Cluster that is reached via the Gateway with DXC. So if a user checks his mail and reads what he wants on the pbbs, he can type dxc and in a few moments he is connected to the Cluster.

If Brian Lantz continues to support TNOS with bug squashing and documentation it will become the preferred pbbs around the world. I was able to compile version 2.10 (the latest version) without any problems. It is a HUGE file, almost 5 megabytes! But it runs in unix and unix is happy with it.

I like TNOS and being retired I will be happy to help others that want to try it. So please let me know if your going to try it. I know where things are stored and what the pitfalls are. Today there are many fewer than there were 6 months ago.

73, karl

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

45. [BBSSIG:3127] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:11:31 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130011.TAA26745@zeus.ia.net>
Rendered body type: text/plain

Sender: "Dave Ewaldz" <dme@ingersoll.com>
Subject: Re: Packet BBS software for Linux other than

At 08:24 AM 9/10/96 -0500, Charles E. Gelm wrote:
> Is there any (public domain) packet bbs software for linux
> other than TNOS?

There is another one that no one has mentioned yet, DPBOX.
I have just started experimenting with DPBOX because it has some nice
features to offer that not many other bbs program have, including
bulletin broadcast (ala microsat), and a message topic oriented
system of storing messages (ala J/Tnos).

Try this url as a starting place for more info:

<http://www.snafu.de/~wahlm/>

Good luck,

73 de Dave

--

Dave Ewaldz
The Ingersoll Milling Machine Co.
Rockford, Il. USA

Work

Ph : 815-987-6081
Fax: 815-987-6541
dme@ingersoll.com

Home

Ph : 815-633-7031
dewaldz@sinnfree.sinnfree.org

46. [BBSSIG:3129] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:11:57 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130011.TAA26756@zeus.ia.net>
Rendered body type: text/plain

Sender: Richard Saue <Richard.Saue@jur.uib.no>
Subject: Re: Packet BBS software for Linux other than

Hi !

John Zantek wrote:

>

> At 08:24 AM 9/10/96 -0500, Charles E. Gelm wrote:
> > Is there any (public domain) packet bbs software for linux
> > other than TNOS?

>

> F6FBB is working on a porting to Linux. As soon as I
> can find a Beta site, I intend to run it through the
> wringer. Film at 11.

Be advised that F6FBB has a webpage dedicated to the linux version of
FBB, XFBB: <http://fpac.lmi.ecp.fr/f6fbb/f6fbb.html>

73 de Richard - LA4SGA @ LA40.OSL.A.NOR.EU
Richard.Saue@jur.uib.no

47. [BBSSIG:3121] Re: PKZIP Problems E-Mail Forwards Read ! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Thu, 12 Sep 1996 19:07:45 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609130007.TAA26637@zeus.ia.net>
Rendered body type: text/plain

Sender: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)
Subject: Re: PKZIP Problems E-Mail Forwards Read !

On Wed, 11 Sep 1996 12:29:08 -0500 (CDT), you said:

> Smaller Files under meg zip up ok without CRC Errors but Larger Files
> 1 meg and more some times zip up but end up with CRC errors .. Now =
before
> I do this I check the ascci file for correctness ensuring that all =
files are=20
> complete..

73, Gary

```

-----
Bob Nielsen           Internet: nielsen@primenet.com
Tucson, AZ           AMPRnet: w6swe@w6swe.ampr.org
                     AX.25: w6swe@wb7tts.az.usa.noam
                     http://www.primenet.com/~nielsen

```

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To: bbssig@tapr.org
Message-ID: <199609140237.VAA02629@zeus.ia.net>
Rendered body type: text/plain
Sender: Dale Seaburg <dseaburg@web-access.net>
Subject: Re: TNOS

Karl F. Larsen wrote:

>
>
> I like a challenge. Having heard from people I know to be honest that TNOS
> under Linux will be the future pbbs standard, I decided to learn how unix
> works. It took me a year to learn just how Linux is loaded and how it works.
>
> snip.....

OK, you're on... :-)

Write a script, so that once you fire TNOS up for the first time, it "sees" that you have not configured the autoexec.net (I think that's the file, it's been a while since I've looked at it) correctly - it's still as-is from Brian's ftp-site - and walks you through the setup process, asking all the correct questions with LOTS of helps, and fills in a correct autoexec.net file for you. (and any other files needed by TNOS that are site-specific!)

It was very daunting when I tried to set TNOS up under DOS, and all of the helps were for the unix version. Numerous emails back to Brian fell on deaf ears! Even when he did respond, he suggested I find a local to help (a laugh when I live 90 miles from nowhere!). Needless to say I got a very bitter taste of TNOS. Never could get the DOS version to work. Never! It would give me an error that indicated that some of the Unix code functionality (commands used in autoexec.net) had been left out of the DOS version...

I do have Linux on my same machine I'm running MSYS 1.19 on, but have not taken the time to go get TNOS for the above reasons. Some of the autoexec.net entries simply did not make sense. BTW I boot Linux from DOS. Don't have to use the floppy method...

I know this'll sound like I'd like to be spoon-fed, but as you admit yourself, TNOS setup is NOT EASY! And, unfortunately, I'm not retired, so my time is limited. I guess I need to get a current copy of 2.10 and print the doc's.

What do you think? Does this sound like enough of a challenge?

>
> I like TNOS and being retired I will be happy to help others that want to
> try it. So please let me know if your going to try it. I know where things
> are stored and what the pitfalls are. Today there are many fewer than there
> were 6 months ago.
>
> 73, karl
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

73 - Dale. KG5LT
dseaburg@web-access.net

50. [BBSSIG:3141] Re: FBB Unprotos (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:38:35 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140238.VAA02655@zeus.ia.net>
Rendered body type: text/plain
Sender: N5RKN@aol.com
Subject: Re: FBB Unprotos

Just a thought.... you DO have a beacon1.sys, beacon2.sys set up? So, it will beacon individually on the 2. If so, please ignore the suggestion. I'm a little fried tonight. It's been a long week.
73' Robert N5RKN sysop

51. [BBSSIG:3142] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:38:54 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199609140238.VAA02664@zeus.ia.net>
Rendered body type: text/plain
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Packet BBS software for Linux other than

At 07:24 PM 9/12/96 -0500, you wrote:
>Hello !!
>
> JZ> F6FBB is working on a porting to Linux. As soon as I
> JZ> can find a Beta site, I intend to run it through the
> JZ> wringer. Film at 11.
>
> JZ> N0ARY wrote a good BBS for SunOS, which I think
> JZ> was ported to Linux in preparation for the Linux-for-
> JZ> Hams CD, which is still in the hangar. I'd suggest
> JZ> contacting the author directly: bob@arasmith.com.
>
> JZ> There was a JNOS ported to Linux back in the
> JZ> 1.09 era. Development was discontinued in
> JZ> favor of TNOS.
>
>Anything going on in FreeBSD that you know of??
>
>John
> *****
> * Internet: woody@usbbs.com / Packet: N2HAA@KC2FD *
> * Snail Mail: P.O. Box 436 / Coram NY 11727-0436 *
> *****
> -----
> John Woodstock / Internet: woody@usbbs.com / Phone: 516-696-8416
> Mail: P.O. Box 436, Coram NY 11727-0436
> -----
> WoodyWare Software, Inc. - Internet E-Mail Services
> Info: info@usbbs.com
>

John, I am using Linux and am very happy with it. Why would I want to change to FreeBSD?

Karl
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

52. [BBSSIG:3143] Re: FBB Unprotos (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:39:20 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140239.VAA02688@zeus.ia.net>
Rendered body type: text/plain
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FBB Unprotos

Make sure you have all ports set to digipeat. X1J4 nodes are just TheNet version 1 netrom.

karl

At 07:22 PM 9/12/96 -0500, you wrote:
>Hello to ALL..
>
>I am running FBB 5.15C / BPQ 4.08A thru to diode matrix and 2 ports,
>a 440 X1J4 link port and a 2m X1J4 user port. I have been unable to
>get mail unprotos to go out from the BBS on the 2m user port. I have
>that function enabled in the port.sys and as far as I can see all of
>the X1J4 params are correct. The only area I am not sure of is the
>BPQCFG.TXT..
>
>Any suggestions on where to look ??
>
>73, Mark / KB2TXP <mharloff@spacetechn.com>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

53. [BBSSIG:3144] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:39:42 -0500 (CDT)

To: bbssig@tapr.org
Message-ID: <199609140239.VAA02712@zeus.ia.net>
Rendered body type: text/plain
Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: Re: Packet BBS software for Linux other than

On Thu, 12 Sep 1996, Richard Saue wrote:

> John Zantek wrote:
> >
> > At 08:24 AM 9/10/96 -0500, Charles E. Gelm wrote:
> > > Is there any (public domain) packet bbs software for linux
> > > other than TNOS?
> >
> > F6FBB is working on a porting to Linux. As soon as I
> > can find a Beta site, I intend to run it through the
> > wringer. Film at 11.
>
> Be adviced that F6FBB has a webpage dedicated to the linux version of
> FBB, XFBB: <http://fpac.lmi.ecp.fr/f6fbb/f6fbb.html>

Unless I heard incorrectly, F6FBB is (and has been for some time) a
Silent Key. If this is incorrect, someone please let me know.

If this *IS* correct, then it is misleading to refer to F6FBB doing ANY
coding, as I do not know how that is possible (though I know that *I've*
try after I'm gone ;-)

It would probably be good to identify WHO is doing this extension on
F6FBB's previous work, and to refer to THEM when talking of later work on
that project. Doing otherwise just adds to confusion.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

54. [BBSSIG:3145] Re: PKZIP Problems E-Mail Forwards Read ! (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:39:56 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140239.VAA02721@zeus.ia.net>
Rendered body type: text/plain
Sender: Larry and Mia Shotwell <pony@bright.net>
Subject: Re: PKZIP Problems E-Mail Forwards Read !

Try disabling the EMM and or XMS memory usage when using pkzip2.04g in
a dos window. Use the + and -- switches to do this. MAYbe that will
solve any memory conflicts that you might be having. Larry

At 08:01 PM 9/12/96 -0500, you wrote:
>On Wed, 11 Sep 1996 12:29:08 -0500 (CDT), you said:
>
>> Smaller Files under meg zip up ok without CRC Errors but Larger Files
>> 1 meg and more some times zip up but end up with CRC errors .. Now =
>before
>> I do this I check the ascci file for correctness ensuring that all =
>files are=20
>> complete..
>
>> I then PKUZIPPED them and found that several large files all had CRC =
>errors
>> and destroyed some of the mail not all of it..
>
>I found long ago, and it still happens when I forget, that if I try to =
>zip
>things in a shell-to-dos mode, or in a dos window in Win31, using 2.40g,
>the zip files are no good. I have to drop completely to dos to have them
>come out clean. It seems to be a ram thing. In my case, you can't unzip

>the resulting files. You would think 65 meg of ram would be enough! =
>This
>would also go along with the fact that you (and I) only have trouble with
>larger files. Small ones work fine. I'm sure it has to do with memory
>management and my lack of knowledge about how to set up my increased =
>memory
>properly.
>
>73, Gary
>
>
>
>

55. [BBSSIG:3146] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:40:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140240.VAA02738@zeus.ia.net>
Rendered body type: text/plain

Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: Packet BBS software for Linux other than

Karl F. Larsen wrote:
> >Chuck
> >
> Yes Chuck there is WAMPS but it's more NOS than PBBS. I can't
> imagine why you could want more than tnos since it is much like FBB with
> many improvements and a great NOS thrown in for good measure..
>
> karl k5di
>
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

Hi, Karl:

I saw the claims Brian made about TNOS on his home page and other places. TNOS was claimed to be stable, reliable code (or is it more stable and reliable than the 'other' xNOS?). v2.02 had 12 patches although Brian seemed to claim there was nothing wrong with the code. v2.10 crashes alot (as I noticed by reading tnos-topics@lantz.com). I would like to peruse the .DOCs to TNOS, but I don't run the required software/os to retrieve them. Linux gunzip or a command-line ftp service is needed and I only have netscape (i.e. I can't do a FTP 'GET').

My biggest problem is me, of course. I have Attention Deficit Disorder. No hyperactivity with it, thank God. It does make it extremely difficult for me to see the 'whole picture'. I need to break things down into small chunk that I can comprehend and finish in one sitting. I cannot concentrate on one topic for more than an hour or so. It takes long sessions, sometimes, to build a new linux kernel, so I make lots of notes and come back to it the next day and try to finish. Another 'mental block' that I have is 'if any part of a picture is 'wrong' the whole thing is wrong'. When I discovered that TNOS v2.02 corrupted message texts, I gave up on linux and TNOS until 2.10 was released. Now, 2.10 doesn't run. So I'm looking for something that will run under linux so I can keep an active interest in linux.

Anywhoose, thanks for your notes and help. I appreciated your notes in tnos-topics on how to get tnos2.02 to compile and your deftness in ignoring you-know-whoose barbed comments and continued with your responses to others.

73, Chuck
p.s. uh, deftness or deafness would fit that last sentence! :-)

56. [BBSSIG:3147] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:40:47 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140240.VAA02757@zeus.ia.net>
Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: FBB+BPQ+JNOS

de W0RLI:

>Pick up the archive BPQETHER.ZIP from tapr (or other ftp sources).

```

>It has all the various drivers you need, plus instructions.
>
>I run 3 systems, all linked via an ethernet.
>
>sys 1:  bpq + ipgate
>sys 2:  bpq + nos
>sys 3:  Win 95
>
>All can talk to each other, and the outside world via ham radio.
>
>Can provide exact setup details, but those are at home
(w0rli@w0rli.or.usa.noam)
>
>
>There are 4 or 5 sysops in the Portland area using ethernet to put
>multiple computers onto the ham radio network.  It works fine!
>
>Hank Oredson @ Mentor Graphics           Library Operations
>Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>

```

Thanks for the note Hank, I had tried BPQETHER but there is still a connection problem getting back into the JNOS BBS.
I guess I should cover all ground and make sure I have overlooked something obvious.

1. I can setup BPQ with an EXTERNAL port and connect it to EtherNet_II using ODIDRV 98 and IPXODI . This I have used sucessfully with FBB.

2. The BPQCFG is defined with both NODE=1 & BBS=1.

3. In order to get JNOS to talk to BPQ I had tried running NODEDRV4 as:

```

lsl
ne1000
ipxodi a
odidrv 98
bpqcode
nodedrv4 0x61 1 1
nodedrv4 0x62 2 2

```

In my JNOS I had:

```

attach packet 61 p1 5 256
attach packet 62 p2 5 256

```

This is the format used in the BPQ documentation.

4. When this didnt work I tried using Hank's PDEETHER:

```

NE2000 0x61 10 300
PDEETHER
IPXODI A
ODIDRV 98
BPQCODE
Setup & Start NOS batch-file

```

If I try a connect to port "p1" JNOS says its not an AX25 port.

- I do not have any "netrom" statements in my autoexec.nos.
Its my understanding that netrom is internal driver used only for async ports.

- What is PDEETHER and what does it do?
- What is the link between BPQ and JNOS?

I know I'm missing something, perhaps a simple thing..but frustrating just the same.

73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

57. [BBSSIG:3148] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:41:01 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199609140241.VAA02773@zeus.ia.net>
Rendered body type: text/plain

Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: FBB+BPQ+JNOS

> Ron, just compile in the bpq driver that comes with nos from version
> 1.08 to present. Or use tnos. Or get the driver from ucsd and add it. It was
> written by Paul N5FAZ in El Paso, TX and I used it for 2-3 years and it
> worked perfect!
>
>
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>

Thanks for the note Karl however

Thanks to VE1BXK I received a copy of JNOS111 with bpq compiled. Now
outgoing connects from JNOS seem to work fine but I can't get back in. Also
trying to connect from the JNOS (console) prompt to BBS fails.

my autoexec.nos has:
attach bpq init 0x7F 1
attach bpq 0x7F 1 1 p1 256

No references to "netrom" as I assume bpq handles all that.

my startup file is:
lsl
ne2000
ipxodi a
odidrv 98 (same software intrp as in BPQCFG.TXT for External port)
bpqcode
Batch_file for NOS

- What is the relationship between the BBS call in BPQ and the ax25 callsign
on JNOS?
- Should the BPQCFG have BBS=1, NODE=1 or both?

73 - Ron

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

58. [BBSSIG:3149] FlexNet (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:41:23 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140241.VAA02788@zeus.ia.net>
Rendered body type: text/plain
Sender: TRAVIS@csius.com (G. Travis Roberts)
Subject: FlexNet

I was wonding what this flexnet sotfware was and how it is related to
the BBS sig. I have seen it pop up every now and again in this sig.
I was wonding, if it is useful, where can I get it Thankyou.

G. Travis Roberts, KC7HHK
MIS Hardware Specialist
Campbell Scientific, Inc.
815 West 1800 North
Logan, Utah 84321-1784
www.campbellsci.com
E-Mail: travis@csius.com
Telephone: (801) 750-9583
Fax: (801) 750-9579

59. [BBSSIG:3150] Re: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:41:33 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140241.VAA02801@zeus.ia.net>
Rendered body type: text/plain
Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: [Fwd: Error Message]

At 07:19 PM 9/12/96 -0500, you wrote:
>Could it be that the actual text file of the neighbor and destination
>nodes that BPQ will save to disk is incompatible from 4.07 to 4.08a?
>It's been a while since I ran BPQ so I am guessing...a lot!

The text files are the same.
The data structures internal to BPQCODE differ,
so the programs that access those structures differ.

```
>
>73 de Nate >>
>
>P.S. I would copy BPQCFG.TXT to another directory to save it then
>delete everything in the current BPQ directory and re-install 4.08a
>from the .ZIP file. Then copy your BPQCFG.TXT to the BPQ directory
>re-run BPQCFG and see if things will work. Hope something in this
>message helps!
>
>> Date:          Wed, 11 Sep 1996 12:33:45 -0500 (CDT)
>> Reply-to:      bbssig@tapr.org
>> From:          Carol Byers <crlybyers@garlic.com>
>> To:            bbssig@tapr.org
>> Subject:       [BBSSIG:3117] Re: [Fwd: Error Message]
>
>> Phillip Conza wrote:
>> >
>> > Hi Carol and Mick,
>> >
>> >           If I read this correct in the first para you tell
>> > us you
>> > are running BPQ 4.08a but in the last para you say that the BPQNODES save
>> > doesn't match BPQ 4.07a ...
>> >
>> > Answer is to USE all the Version 4.08a Files or use all V 4.07a files,
>> > you can't mix and match EXE from different versions..
>> >
>> > 73 Phillip ZL2TZE
>> >
>> > Have been helping our radio club set-up a local PBBS. The following
>> > error msg randomly occurs while the BBS is running...we are using the
>> > last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
>> > effect anything...any advise would be greatly appreciated.
>> >
>> > Carol, W9HGI CA SATGATE
>> >
>> > Carol,
>> >
>> > The error message we were waiting to write it down if it occurred
>> > again is
>> > as follows:
>> >
>> > G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE
>> > does not match that of BPQNODES.
>> >
>> > Got to run
>> > Mick
>> > --
>> > Phillip Conza
>> > AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
>> > E-Mail phil@zl2tze.mlb.planet.gen.nz
>> > Hi Phillip,
>>
>> Understand what you say ... have checked the files and they are all from
>> 4.08A ?? Don't know why we are getting the msg ??
>>
>>
>>
>---
>
> nbargman@fullnet.net
>
> Pattison's Law of Electronics
> If more than one pair of wires are to be
> connected, the first way blows the fuse.
>
>
>
>
```

Hank Oredson @ Mentor Graphics
Internet : hank_oredson@mentorg.com
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

Library Operations
"Parts 'R Us!"

60. [BBSSIG:3151] Re: TNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:42:26 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140242.VAA02816@zeus.ia.net>
Rendered body type: text/plain

Sender: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>
Subject: Re: TNOS

On Thu, 12 Sep 1996, Karl F. Larsen wrote:

> Once you get tnos running it will begin to show you all it's power. It
> forwards to FBB just like your older FBB did! It has a lot of nice features
> for the sysop and the user. If you want to be a Gateway then the tnos can do
> that while it is ALSO the pbbbs! And you can be as I am the smtp gateway for
> all the guys on ham tcp/ip in the area. The problem I am having is there is
> no others in town that are interested in trying NOS. I set it up for them
> and they play with it for a week and then we see them never again.
>

TNOS is very powerful indeed; however, it replicates several of the features that are UNIX native. So, TNOS under linux could use some of the Linux native services, and consequently become smaller.

I started running a TNOS gateway in the Boston area some time ago. In parallel with that I have been playing around with the Linux kernel AX.25 support (raw + TCP/IP + NET/ROM). The linux ax.25 is very modular, not so difficult to setup and VERY flexible. Today, I have the gateway running only with the Linux kernel ax.25 + ax.25 utilities and I am very happy with it. I guess it is fair to say that I do not want to go back to xNOS after I have experimented with a modularized system.

The Linux ax.25 also provides a standard interface for programmers. So, we should look forward for more applications in the near future.

There are still very few BBS programs for Linux. I have tested LBBS and DPBOX + TNT. I have stopped using LBBS mainly for the lack of documentation, which would be less badly needed if the source code was available. DPBOX + TNT is a very powerful system with LOTS of nice features, but it is fairly complex to setup and it is not directly compatible with the Linux ax.25 kernel support.

73,

Edson, N1VTN

61. [BBSSIG:3152] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:42:51 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140242.VAA02829@zeus.ia.net>
Rendered body type: text/plain

Sender: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>
Subject: Re: Packet BBS software for Linux other than

On Thu, 12 Sep 1996, Dave Ewaldz wrote:

> There is another one that no one has mentioned yet, DPBOX.
> I have just started experimenting with DPBOX because it has some nice
> features to offer that not many other bbs program have, including
> bulletin broadcast (ala microsat), and a message topic oriented
> system of storing messages (ala J/Tnos).
>

Imagine the amount of data that we waste regularly by doing forward in a point-to-point manner. This goes against the broadcast nature of radio and it is very ineffective when we have to send the exact same piece information to several stations. The PACSAT broadcast feature of DPBOX is an

answer for that. Several BBSs and user stations can all receive a bulletin at same time. For those who have a BBS port in HF, it can increase the overall throughput tremendously.

Edson

62. [BBSSIG:3153] TNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Fri, 13 Sep 1996 21:43:09 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609140243.VAA02850@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: TNOS

I asked Brian Lantz why his latest TNOS no longer supports White Pages and he said he answers no questions. So I gather he no longer supports TNOS. This is too bad since I just told many in this area that TNOS is the software of the future.

But a software that can not support White Pages is sure not the wave of the future. It is a step backwards.

73, de karl aka k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

63. [BBSSIG:3168] Re: TNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:02:38 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151502.KAA21892@zeus.ia.net>
Rendered body type: text/plain

Sender: Jim Haight <ac191@detroit.freenet.org>
Subject: Re: TNOS

At 09:52 PM 9/13/96 -0500, you wrote:

>Karl F. Larsen wrote:

>>

>> I like a challenge. Having heard from people I know to be honest that TNOS

>> under Linux will be the future pbbs standard, I decided to learn how unix

>> works. It took me a year to learn just how Linux is loaded and how it works.

>>

>> snip.....

>

>OK, you're on... :-)

>

>Write a script, so that once you fire TNOS up for the first time, it >"sees" that you have not configured the autoexec.net (I think that's the >file, it's been a while since I've looked at it) correctly - it's still >as-is from Brian's ftp-site - and walks you through the setup process, >asking all the correct questions with LOTS of helps, and fills in a >correct autoexec.net file for you. (and any other files needed by TNOS >that are site-specific!)

Dale, I believe there is such a script already written... Both for the DOS and linux versions... I have not used either one, as I took my autoexec.nos file from the FAQ on lantz.com... It worked great for the linux version and with a couple of changes, with the dos version too...

>It was very daunting when I tried to set TNOS up under DOS, and all of >the helps were for the unix version. Numerous emails back to Brian fell >on deaf ears! Even when he did respond, he suggested I find a local to >help (a laugh when I live 90 miles from nowhere!).

Did you subscribe to the tnos mailing list? That's where all the help is provided, not from Brian... He is a busy person and does not really have time to answer simple (to him) questions like you or I would have...

I have been running tnos for over a year now... Switched from FBB to tnos/dos and then to tnos/linux... I am very happy with the product that has been produced... And yes, it was work getting it going - but really, no more work then what FBB or MSYS would be... Also, I do admit, the doc's stink, but they are being worked on...

I suggest that if you are interested in tcp/ip, you try tnos - AND subscribe to the mailing list to get help... There are a lot of guys that will do there best to help you out...

Jim Haight
ac191@detroit.freenet.org

64. [BBSSIG:3169] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:03:38 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151503.KAA21940@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: Re: Packet BBS software for Linux other than

On Fri, 13 Sep 1996, Charles E. Gelm wrote:

Ignoring the very pointed personal problem the author has against me...

> I saw the claims Brian made about TNOS on his home page and other places.
> TNOS was claimed to be stable, reliable code (or is it more stable and
> reliable than the 'other' xNOS?). v2.02 had 12 patches although Brian
> seemed to claim there was nothing wrong with the code.

TNOS (like myself) is NOT perfect! Most of the code has been inherited from other sources, and has been continually cleaned up. This requires patches, or ignoring the problems. I choose the former.

> v2.10 crashes
> alot (as I noticed by reading tnos-topics@lantz.com).

Most programs will improperly or incompletely configured.

> I would like to
> peruse the .DOCs to TNOS, but I don't run the required software/os to
> retrieve them. Linux gunzip or a command-line ftp service is needed and
> I only have netscape (i.e. I can't do a FTP 'GET').

The Unix versions of the archives require GZIP, the standard archiving utility for Unix. The MS-DOS versions of the archives require PKUNZIP, the MS-DOS standard archiving utility. Many are also available unarchived.

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

65. [BBSSIG:3171] Re: TNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:04:47 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151504.KAA21969@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: Re: TNOS

On Fri, 13 Sep 1996, Dale Seaburg wrote:

> It was very daunting when I tried to set TNOS up under DOS, and all of
> the helps were for the unix version. Numerous emails back to Brian fell
> on deaf ears!

All TNOS support should be sent to one of the many mailing lists at lantz.com. I do not have the time to personally respond to all queries, but on the mailing lists, the hundreds of active users are able to answer the common questions and problems.

that many times etc I replaced all versions of PKZIP, PKUNZIP..

No it didn't stop !!!

So I back tracked back through the PC and started checking things that " Should " have been ok. At this time it poked me in the eye !!!

Early in the week a small secondary HDD was fitted and the CMOS was reset with the Auto Detect and saved, but I had a few problems in getting it to auto detect did this 4 or 5 times and it took .. (Well it sort of)

The jumpers where set as per instructions E1 for slave etc and the second jumper was put on position 3 as instructed..

Now this jumper 3 was the problem (so the Experts PC stores tell me) it should have been REMOVED ..

What was happening was when I was Zipping or Unzipping this secondary HDD would burst into life then stop, this appeared to cause the ERRORS..

The drive being used was C drive and not D drive for this , so with the jumper 3 removed from D drive all appears ok at the moment..

Secondary HDD was an ST 157a only a 40 meg but it is not used within the BBS

Thanks again to all that answered..

73 Phillip

--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

68. [BBSSIG:3174] Re: FBB Unprotos (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:05:52 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151505.KAA22005@zeus.ia.net>
Rendered body type: text/plain

Sender: Mark <mharloff@spacetechn.com>
Subject: Re: FBB Unprotos

Hi Robert,

Yes, I NOW have Beacon1.sys set up to digi over to the 2m port for broadcasts... (there is no Beacon2.sys as I am running ONLY one BPQ port) Only feature left to test is WinPac broadcast sync requests.

Everything else is working great ! Thnx for info (altho Art Martin beat ya to the punch line).. Thnx to both of you...

73, Mark / KB2TXP <mharloff@spacetechn.com>

69. [BBSSIG:3175] Re: F6FBB Brian Lantz Message (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:06:26 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151506.KAA22022@zeus.ia.net>
Rendered body type: text/plain

Sender: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Subject: Re: F6FBB Brian Lantz Message

Hi,

Alarm bells ring when you see a message like Brian's enter the SIG ..

I was informed about 3 weeks ago that Jean -Paul was in Canada and that he would be returning home around about now..

I have seen his BBS headers pass via this BBS in the last few days so I would say unless there is some one else at the helm one would have to assume that JPR is alive and well ..

Brian, have you any other information and what date where you informed of his death and what was your source ?

If this is the case then the Amateur Community will sadly miss JPR..

NB I lost the Original Message From Brian so if some one could send it to me I would appreciate a copy..

Cc F6FBB Sig

73 Phillip ZL2TZE--

Phillip Conza

AX25

ZL2TZE @ ZL2TZE.#73.NZL.OC

E-Mail private

phil@zl2tze.mlb.planet.gen.nz

70. [BBSSIG:3176] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>

Date: Sun, 15 Sep 1996 10:06:37 -0500 (CDT)

To: bbssig@tapr.org

Message-ID: <199609151506.KAA22030@zeus.ia.net>

Rendered body type: text/plain

Sender: john.woodstock@usbbs.com (John Woodstock)

Subject: Re: Packet BBS software for Linux other than

Hello !!

>>

>> Anything going on in FreeBSD that you know of??

>>

KL> John, I am using Linux and am very happy with it. Why would I

KL> want to change to FreeBSD?

I'm not say that you would want to.. I have several FreeBSD machines.. I just received my IP address and was looking at the options I have.. If the only choice I have is to set-up and learn Linux, then I need to know..

John

* Internet: woody@usbbs.com / Packet: N2HAA@KC2FD *

* Snail Mail: P.O. Box 436 / Coram NY 11727-0436 *

WoodyWare Software, Inc. - Internet E-Mail Services
Info: info@usbbs.com

71. [BBSSIG:3177] White Page Servers (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>

Date: Sun, 15 Sep 1996 10:07:17 -0500 (CDT)

To: bbssig@tapr.org

Message-ID: <199609151507.KAA22041@zeus.ia.net>

Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>

Subject: White Page Servers

I think we loose sight of what is important in the pbbs world. I, for no good reason, upgraded? from TNOS 2.02p12 to 2.10 and found that it crashed often. As time went on I discovered it crashed when I recieved a wp message from a forwarding partner. To stop that I sent the wp messages to a nul location and started reading the documentation.

In the documentation called "features.new" with version 2.10 Brian Lantz explained there was a problem with White Pages and in this version it doesn't work. He says something about a work-around but provides none.

Since I and my users are very used to sending messages with the character 's w4ewq ' and expect the pbbs to fill in the rest, it is very important that you have a White Page server that works. I got used to the server in FBB which, if you had high memory, would just work.

There are problems with the wp server in tnos version 2.02p12 but it works. The problem is it saves ALL inputs and has dupes in the file, making it larger than needed.

Since I, and most other people it seems can not get any answers from the author of tnos, the only thing to do is return to the previous version of tnos. So that is what I did.

karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

72. [BBSSIG:3183] Re: FlexNet (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:08:59 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151508.KAA22066@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FlexNet

Travis Flexnet is a replacement for the Rose Switch and Netrom. It has some interesting features but has a political problem. It is written by a German and is pushed by guys in France. For some reason I was not able to get some key information on the software, and forget what that was...

karl k5di

At 10:18 PM 9/13/96 -0500, you wrote:
>I was wonding what this flexnet sotfware was and how it is related to
>the BBS sig. I have seen it pop up every now and again in this sig.
>I was wonding, if it is useful, where can I get it Thankyou.

>
>

>G. Travis Roberts, KC7HHK
>MIS Hardware Specialist
>Campbell Scientific, Inc.
>815 West 1800 North
>Logan, Utah 84321-1784
>www.campbellsci.com
>E-Mail: travis@csius.com
>Telephone: (801) 750-9583
>Fax: (801) 750-9579

>
>
>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

73. [BBSSIG:3316] AA4RE FWD to MSYS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:09:15 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151509.KAA22080@zeus.ia.net>
Rendered body type: text/plain

Sender: Ken Cox <kc@1st.net>
Subject: AA4RE FWD to MSYS

Hello all, I am having problems with forwarding to another system that runs msys. Path is good as i can connect through my node to the bbs west of me. Forwarding however seems to be backing up. I also forward east to another system running AA4RE and have no problems. Any suggestions would be appreciated.
Ken WA80MR

74. [BBSSIG:3317] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:09:25 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151509.KAA22091@zeus.ia.net>
Rendered body type: text/plain

Sender: "Bill Barnes, N3JIX" <n3jix@csrlink.net>
Subject: Re: FBB+BPQ+JNOS

At 10:13 PM 9/13/96 -0500, Ron VE1AIC wrote:
>- What is PDEther and what does it do?

PDEther uses a Packet vector driver instead of ODI. Straight ODI drivers work much better.

>- What is the link between BPQ and JNOS?

Well, JNOS used KISS, so you can get BPQ to "emulate" kiss with BPQHkISS.COM. The better solution is to recompile JNOS with the BPQ support in it... I'm not sure which version had it, but I downloaded it, and recompiled it, and

it attached to the BPQ switch like attaching to a kiss tnc... Worked ok...

73, de Bill, N3JIX

```
*****
* Bill Barnes, N3JIX *
* Internet: n3jix@mail.csrlink.net *
* WWW: http://acwww.bloomu.edu/~wbarnes *
* Packet : n3jix@n3jix.#lyc.pa.usa.noam *
*****
```

75. [BBSSIG:3318] clover/linux (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:09:34 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151509.KAA22100@zeus.ia.net>
Rendered body type: text/plain

Sender: "Michael A. Burke" <mburke@llajta.nrc.bolnet.bo>
Subject: clover/linux

Anyone out there know of a driver for the HAL Clover boards that will run in LINUX?

Thanks - Mike

.. Mike

76. [BBSSIG:3321] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:10:51 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151510.KAA22125@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FBB+BPQ+JNOS

At 10:15 PM 9/13/96 -0500, you wrote:
>> Ron, just compile in the bpq driver that comes with nos from version
>>1.08 to present. Or use tnos. Or get the driver from ucsd and add it. It was
>>written by Paul N5FAZ in El Paso, TX and I used it for 2-3 years and it
>>worked perfect!
>>
>>
>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>>
>>
>
>Thanks for the note Karl however
> Thanks to VE1BXK I received a copy of JNOS111 with bpq compiled. Now
>outgoing connects from JNOS seem to work fine but I can't get back in.

That may be a setup problem.

Also
>trying to connect from the JNOS (console) prompt to BBS fails.

That must be a ftpusers file problem. You need to have yourself in there and a general univperm listing for all other users. Make yourself a sysop. Refer to the .doc's.

>
>my autoexec.nos has:
>attach bpq init 0x7F 1
>attach bpq 0x7F 1 1 p1 256
>
>No references to "netrom" as I assume bpq handles all that.
>

If all your connects are ax.25 you don't need a jnos netrom route. But if any connect is netrom you will need to set up netrom and connect to that via a loopback type path. Check your bpq .doc and also jnos.

>my startup file is:
>lsl

```
>ne2000
>ipxodi a
>odidrv 98 (same software intrp as in BPQCFG.TXT for External port)
>bpqcode
>Batch_file for NOS
>
>- What is the relationship between the BBS call in BPQ and the ax25 callsign
>on JNOS?
```

Your BBS call in BPQ has nothing to do with nos. You should set bbs=0 in the bpq config file and you make node=1 for the node(s) bpq has. By the way, if you have 2 or more nodes make sure jnos has a bpq line for each of them.

>- Should the BPQCFG have BBS=1, NODE=1 or both?

BBS=0 Node=1

```
>
>73 - Ron
>-----
>Ron Mackay      Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
>Cornwall, PE    E-mail: rmackay@peinet.pe.ca
>-----
>
>
```

73, karl Phd in EE and also PE in New Mexico and California.

Best from the wet desert. It has been raining for 3 days!

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

77. [BBSSIG:3322] Re: FlexNet (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 10:11:01 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609151511.KAA22137@zeus.ia.net>
Rendered body type: text/plain

Sender: Richard Saue <Richard.Saue@jur.uib.no>
Subject: Re: FlexNet

G. Travis Roberts wrote:

```
>
> I was wonding what this flexnet sotftware was and how it is related to
> the BBS sig. I have seen it pop up every now and again in this sig.
> I was wonding, if it is useful, where can I get it Thankyou.
>
```

Try <http://www.th-darmstadt.de:81/diverses/afthd/flexnet/>

It's the Flexnet homepage.

73 de Richard - LA4SGA @ LA40.OSL.A.NOR.EU
Richard.Saue@jur.uib.no

78. [BBSSIG:3338] Server Spec? (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:00:07 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160100.UAA01573@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian Ellse - ZR5DTS" <briane@iafrica.com>
Subject: Server Spec?

Hi All,

I wonder if any of you who have programming ability (I have none!!) would consider writing a server for F6FBB v 5.15c (dos based) to read the fblog.nn file generated each week and provide the following info.

Callsign - Read bulletin numbers.
eg: ZR5DTS ; 41455 42499 42450 43440 Total Read 5

Ten Most Popular Bulletins:

Eg:

No	From	To	@	Title
----	------	----	---	-------

1. 41435 ZR5DTS SABL ZAF SABL News 15 September 1996
2. 43459 KB7LYM TOLC WW TOLC grows!!!
3. 43489
etc etc etc

This would run like LOGSTATU.EXE, I run mine from a batch file once a week to get the ALL PORTS log.

An obvious case scenario would be where the bulletin has been erased due to housekeeping at the time the server runs, it wouldn't get the From To @ and title, instead placing **** in the blank fields.

A .CFG file must allow for certain callsigns to be ignored in the fbblog.nn read, as BBS's forwarding in/out are also listed as having "written" and "read" bulletins. Maybe the programme could read the BBS.SYS file (an option, not a default please).

I am sure that many Sysops and users alike would find this information interesting.

If someone has any idea's please share them with me. Any suggestions on programming language would also be useful, I might even try and podge something together myself if I knew where to start!!!

Please let me know if this is possible, or is it too big a thing. It wouldn't have to be a server loaded in init.srv, just a file that could be run from a dos-shell to read the fbblog.nn file as well as the FBB\MAIL\MAILx directories for bulletin details.

--

Best Regards

Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
E-Mail: briane@iafrica.com Tel xx27-31-861581
Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581
O.H.M Projects CC
P.O Box 471
Westville
3630
South Africa

79. [BBSSIG:3339] Re: White Page Servers (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:02:12 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160102.UAA01615@zeus.ia.net>
Rendered body type: text/plain

Sender: Marty Albert <marty@trucom.com>
Subject: Re: White Page Servers

Hello, Folks:

I usually don't offer much input to this group, but I felt I had to comment on this one...

At 11:11 AM 9/15/96 -0500, Karl F. Larsen wrote:

>
> I think we loose sight of what is important in the pbbs world. I,
>for no good reason, upgraded? from TNOS 2.02p12 to 2.10 and found that it
>crashed often. As time went on I discovered it crashed when I recieved a wp
>message from a forwarding partner. To stop that I sent the wp messages to a
>nul location and started reading the documentation.

>
> In the documentation called "features.new" with version 2.10 Brian
>Lantz explained there was a problem with White Pages and in this version it
>doesn't work. He says something about a work-around but provides none.

>
> Since I and my users are very used to sending messages with the
>character 's w4ewq ' and expect the pbbs to fill in the rest, it is very
>important that you have a White Page server that works. I got used to the
>server in FBB which, if you had high memory, would just work.

>
> There are problems with the wp server in tnos version 2.02p12 but it
>works. The problem is it saves ALL inputs and has dupes in the file, making

```
>it larger than needed.
>
>       Since I, and most other people it seems can not get any answers from
>the author of tnos, the only thing to do is return to the previous version
>of tnos. So that is what I did.
>
>karl k5di
>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
```

Sadly, I see this as more of a symptom than an actual problem... While there are many PBBS programs out there, there are only a handful that are really any good. Of the good ones, only a couple are actually supported by their authors in what I consider to be an appropriate manner.

In my recently completed PBBS Survey (still tabulating/analysing the results!) there seem to be two related and disturbing trends, at least on initial examination of the data...

(1) A good number of folks rate either Good Documentation or Author Support as the most important feature.

(2) A large number of folks are not willing to pay anything at all for a PBBS program no matter if it is Commercial or Shareware.

Having been programming for nearly 30 years, I believe that these two options are mutually exclusive. In other words, if you want Freeware (I have written a LOT of that!), then you get what you pay for... Poor docs, if any at all, and no support.

The other thing that I see is what I have always called "The Shotgun Programming Team"... That is, get enough people writing code and something marginal will fall out. This is what is now being used for many of the NOS variants. If you are a programmer, just take a look at the code and you will see the problems with this approach.

Anyway, I would be curious to know how many folks have "registered" their PBBS software with the various authors.

The bottom line is that freeware and unregistered shareware support and docs are a non-issue. If this fits the class of the software that you are using, then you don't have room to complain.

On the other hand, we have the authors... Many PBBS programs are released as Shareware. When people register, there is no change in the poor support they already have. Why is this?

I have no answer for this one, but it seems that we have a lot of Ham software (not just PBBS) being written by non-programmers. Most of what I have seen should be released as Freeware since it is not worth paying for. There are a few exceptions to this, but by and large, this is true.

I see many programs that are clearly slapped together in Visual BASIC and Visual C++, are full of bugs, have no Help or doc files, and then released as Shareware. The user interfaces tend to be horrid (typical of VB and VC++ programs by beginners) and functionality is only marginal.

The final point is that there is no Ham software out there now that is less than ten years out of date. This is a circular problem, however... Ham hardware tends to be 10-20 years behind the current levels, so we don't need cutting edge software. On the other hand, if we had software available, perhaps this would drive the hardware back up as well. Sadly, I'm not convinced that our current crop of software could be brought up to speed in any way... Think about it: NOS and APRS are our brightest technical stars and both were done over 30 years ago in the commercial sector.

Note that I have not cited any specific programs in the above discussions. This is intentional. I don't wish to offend or embarrass anyone in particular, simply to point out observations.

Well, enough software blasting for now! Thanks for letting me vent a little.

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

```
*****
Heartland Internet Services
http://www.trucom.com/ppages/marty
*****
```

80. [BBSSIG:3341] Re: FBB Unprotos (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:02:56 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160102.UAA01630@zeus.ia.net>
Rendered body type: text/plain
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FBB Unprotos

Mark read the documentation for FBB. It says if your using BPQ you only want 1 each beacon1.sys and be sure to delete beacon2.sys...you see?

At 10:53 AM 9/15/96 -0500, you wrote:
>Hi Robert,
>
>Yes, I NOW have Beacon1.sys set up to digi over to the 2m port for
>broadcasts... (there is no Beacon2.sys as I am running ONLY one BPQ
>port) Only feature left to test is WinPac broadcast sync requests.
>
>Everything else is working great ! Thnx for info (altho Art Martin
>beat ya to the punch line).. Thnx to both of you...
>
>73, Mark / KB2TXP <mharloff@spacetech.com>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

81. [BBSSIG:3342] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:03:18 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160103.UAA01643@zeus.ia.net>
Rendered body type: text/plain
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: Packet BBS software for Linux other than

John I am not saying you should load Linux! I was wondering if you know of any reason I should delete Linux and run FreeBSD?

73 karl

At 11:05 AM 9/15/96 -0500, you wrote:
>Hello !!
>
> >>
> >> Anything going on in FreeBSD that you know of??
> >>
>
> KL> John, I am using Linux and am very happy with it. Why would I
> KL> want to change to FreeBSD?
>
>I'm not say that you would want to.. I have several FreeBSD machines.. I just
>received my IP address and was looking at the options I have.. If the only
>choice I have is to set-up and learn Linux, then I need to know..
>
>John
> *****
> * Internet: woody@usbbs.com / Packet: N2HAA@KC2FD *
> * Snail Mail: P.O. Box 436 / Coram NY 11727-0436 *
> *****
> -----
> WoodyWare Software, Inc. - Internet E-Mail Services
> Info: info@usbbs.com
>

>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

82. [BBSSIG:3343] Re: AA4RE FWD to MSYS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:03:32 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160103.UAA01652@zeus.ia.net>
Rendered body type: text/plain

Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: AA4RE FWD to MSYS

Ken, it must be a setup problem at the MSYS station. Since AA4RE uses MBL forwarding it must be that.

karl

At 11:25 AM 9/15/96 -0500, you wrote:
>Hello all, I am having problems with forwarding to another system that runs
>msys. Path is good as i can connect through my node to the bbs west of me.
>Forwarding however seems to be backing up. I also forward east to another
>system running AA4RE and have no problems. Any suggestions would be appreciated.
>Ken WA8OMR

>
>
>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

83. [BBSSIG:3344] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:03:54 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160103.UAA01670@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: Re: Packet BBS software for Linux other than

On Sun, 15 Sep 1996, Dean R. Madsen, KE0WO wrote:

> >Unless I heard incorrectly, F6FBB is (and has been for some time) a
> >Silent Key. If this is incorrect, someone please let me know.
> >
> >
> You have been misinformed. F6FBB is alive and well (I received a message
> from him this evening).

Boy I *HAD* been misinformed! I don't remember where from, but someone told me that he passed away several months ago....

Glad to hear that was wrong!

Brian A. Lantz http://www.lantz.com brian@lantz.com

REAL PORTION of Microsoft Windows code:
 while (memory_available) {
 eat_major_portion_of_memory (no_real_reason);
 if (feel_like_it)
 make_user_THINK (this_is_an_OS);
 gates_bank_balance++;
 }

84. [BBSSIG:3345] Re: White Page Servers (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Sun, 15 Sep 1996 20:04:21 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609160104.UAA01684@zeus.ia.net>
Rendered body type: text/plain

Sender: "Brian A. Lantz" <brian@lantz.com>
Subject: Re: White Page Servers

On Sun, 15 Sep 1996, Karl F. Larsen wrote:

```
>         Since I, and most other people it seems can not get any answers from
> the author of tnos, the only thing to do is return to the previous version
> of tnos. So that is what I did.
```

You (and anyone else) who sends TNOS support email to my personal email, will NOT get it answered in that manner.

Those who send it to the proper addresses, DO get it answered.....

Brian A. Lantz <http://www.lantz.com> brian@lantz.com

```
REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }
```

85. Re: [BBSSIG:3336] Re: FBB+BPQ+JNOS

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Tue, 17 Sep 1996 19:29:15 -0300
To: bbssig@tapr.org
Message-ID: <199609172229.TAA20812@bud.peinet.pe.ca>
Rendered body type: text/plain

Thanks to Karl, Hank, Bill & Lorne I now have my JNOS station connected to my FBB station over EtherNet. It works very well (and fast) and FBB fws to it with compression no problem.

The key elements were:

- standard LAN card setup, with ODIDRV to link BPQ to EtherNet_II
- standard BPQCFG setup for EXTERNAL port to ODIDRV, make sure BBS=0, NODE=1.

- JNOS needs to be compiled with bpq.c routines.
- autoexec.nos uses ATTACH BPQ INIT 0x7F to link to BPQ host.
- you probably want to also ATTACH NETROM to make the JNOS BBS visible on the Packet network and make fwding to it easier.

73 - Ron

86. [BBSSIG:3353] Re: FBB Unprotos (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:56:19 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181156.GAA16466@zeus.ia.net>
Rendered body type: text/plain

Karl F. Larsen wrote:

```
>From: bbssig@tapr.org Sun Sep 15 21:39:13 1996
Date: Sun, 15 Sep 1996 21:39:09 -0500 (CDT)
Message-Id: <199609160231.UAA19254@acca.nmsu.edu>
Reply-To: k5di@acca.nmsu.edu
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
To: barry@ia.net
Subject: [BBSSIG:3353] Re: FBB Unprotos
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2
```

This message was submitted by "Karl F. Larsen" <k5di@acca.nmsu.edu> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

If you edit the messages you receive into a digest, you will need to remove these paragraphs and the dashed line before mailing the result to the list. Finally, if you need more information from the author of this message, you should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: FBB Unprotos

How come Martin is always ahead of me? I am always last to dinner too...:)

karl

At 08:22 PM 9/15/96 -0500, you wrote:
> Mark read the documentation for FBB. It says if your using BPQ you
> only want 1 each beacon1.sys and be sure to delete beacon2.sys...you see?
>
>
>At 10:53 AM 9/15/96 -0500, you wrote:
>>Hi Robert,
>>
>>Yes, I NOW have Beacon1.sys set up to digi over to the 2m port for
>>broadcasts... (there is no Beacon2.sys as I am running ONLY one BPQ
>>port) Only feature left to test is WinPac broadcast sync requests.
>>
>>Everything else is working great ! Thnx for info (altho Art Martin
>>beat ya to the punch line).. Thnx to both of you..
>>
>>73, Mark / KB2TXP <mharloff@spacetech.com>
>>
>>
>>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

87. [BBSSIG:3354] Re: TNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:56:31 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181156.GAA16477@zeus.ia.net>
Rendered body type: text/plain

Karl F. Larsen wrote:
>From bbssig@tapr.org Sun Sep 15 21:39:16 1996
Date: Sun, 15 Sep 1996 21:39:11 -0500 (CDT)
Message-Id: <199609160231.UAA19151@acca.nmsu.edu>
Reply-To: k5di@acca.nmsu.edu
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
To: barry@ia.net
Subject: [BBSSIG:3354] Re: TNOS
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2

This message was submitted by "Karl F. Larsen" <k5di@acca.nmsu.edu> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Re: TNOS

At 10:13 AM 9/15/96 -0500, you wrote:
>At 09:52 PM 9/13/96 -0500, you wrote:
>>Karl F. Larsen wrote:
>>>
>>> I like a challenge. Having heard from people I know to be honest
>>
> Did you subscribe to the tnos mailing list? That's where all the

>help is provided, not from Brian... He is a busy person and does not
>really have time to answer simple (to him) questions like you or I would
>have...
>

Jim I have been on that mailing list twice and got Brian Lantz
attention both times when he kicked me off. I was kicked off for asking
questions...

> I have been running tnos for over a year now... Switched from FBB to
>tnos/dos and then to tnos/linux... I am very happy with the product that
>has been produced... And yes, it was work getting it going - but really, no
>more work then what FBB or MSYS would be... Also, I do admit, the doc's
>stink, but they are being worked on...

I was working on the doc's when last kicked off.

>
> I suggest that if you are interested in tcp/ip, you try tnos - AND
>subscribe to the mailing list to get help... There are a lot of guys that
>will do there best to help you out...
>

I am not sure that is accurate. Most of the help, such as it was,
was from Brian and not others on the tnos-topics sig.

>
>Jim Haight
>ac191@detroit.freenet.org
>

I am running TNOS today and like it. But the support and
documentation is truly bad. I direct your attention to the nos-bbs sig which
I have been getting for 3 years. The experts in that sig take the time to
answer questions completely and in language that is not full of jargon.

If there was a similar sig for TNOS more people would be using it.
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

88. [BBSSIG:3355] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:56:45 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181156.GAA16485@zeus.ia.net>
Rendered body type: text/plain

Ron VE1AIC wrote:

>From bbssig@tapr.org Sun Sep 15 22:14:54 1996
Date: Sun, 15 Sep 1996 22:14:50 -0500 (CDT)
Message-Id: <199609160257.XAA09279@bud.peinet.pe.ca>
Reply-To: rmackay@cycor.ca
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: rmackay@cycor.ca (Ron VE1AIC)
To: barry@ia.net
Subject: [BBSSIG:3355] Re: FBB+BPQ+JNOS
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Version 1.4.3

This message was submitted by rmackay@cycor.ca (Ron VE1AIC) to list
bbssig@tapr.org. If you forward it back to the list, it will be distributed
without the paragraphs above the dashed line. You may edit the Subject: line
and the text of the message before forwarding it back.

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these paragraphs and the dashed line before mailing the result to the list.
Finally, if you need more information from the author of this message, you
should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Sender: rmackay@cycor.ca (Ron VE1AIC)
Subject: Re: FBB+BPQ+JNOS

> Your BBS call in BPQ has nothing to do with nos. You should set
>bbs=0 in the bpq config file and you make node=1 for the node(s) bpq has. By
>the way, if you have 2 or more nodes make sure jnos has a bpq line for each
>of them.

>
>
> 73, karl Phd in EE and also PE in New Mexico and California.
>
>Best from the wet desert. It has been raining for 3 days!
>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>
>

Thanks karl, that was it. I now have ax25 connections to my BPQ/ODI driver that works well. I also tried some Jnos netrom and it works right now too but is not necessary.
After the dust settles I'd like to try the packet driver again so I can try all combinations and maybe understand whats happening with it.
73 - Ron

89. [BBSSIG:3356] Re: FBB Unprotos (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:56:57 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181156.GAA16493@zeus.ia.net>
Rendered body type: text/plain

Mark wrote:

>From bbssig@tapr.org Sun Sep 15 22:32:35 1996
Date: Sun, 15 Sep 1996 22:32:31 -0500 (CDT)
Message-Id: <323CC59B.58F0@spacetechn.com>
Reply-To: mharloff@spacetechn.com
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Mark <mharloff@spacetechn.com>
To: barry@ia.net
Subject: [BBSSIG:3356] Re: FBB Unprotos
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
MIME-Version: 1.0
X-Mailer: Mozilla 2.02Gold (Win95; I)

This message was submitted by Mark <mharloff@spacetechn.com> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

If you edit the messages you receive into a digest, you will need to remove these paragraphs and the dashed line before mailing the result to the list. Finally, if you need more information from the author of this message, you should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Sender: Mark <mharloff@spacetechn.com>
Subject: Re: FBB Unprotos

Hi Karl,

You must have misunderstood my reply to Bob... I only had ONE beacon.sys file from the getgo. The problem was not having IT setup to digi out thru the X1J4 node. Everything in BPQ was setup fine and no changes were ness. there. ALL is well now and everyone's happy!

Thnx for the suggestion tho!... On to the "next" project!

73, Mark / KB2TXP <mharloff@spacetechn.com>

90. [BBSSIG:3358] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:57:48 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181157.GAA16517@zeus.ia.net>
Rendered body type: text/plain

John Woodstock wrote:

>From bbssig@tapr.org Mon Sep 16 06:26:33 1996
Date: Mon, 16 Sep 1996 06:26:30 -0500 (CDT)
Message-Id: <204_9609160720@usbbs.com>

Reply-To: john.woodstock@usbbs.com
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: john.woodstock@usbbs.com (John Woodstock)
To: barry@ia.net
Subject: [BBSSIG:3358] Re: Packet BBS software for Linux other than
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group

This message was submitted by john.woodstock@usbbs.com (John Woodstock) to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

If you edit the messages you receive into a digest, you will need to remove these paragraphs and the dashed line before mailing the result to the list. Finally, if you need more information from the author of this message, you should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Sender: john.woodstock@usbbs.com (John Woodstock)
Subject: Re: Packet BBS software for Linux other than

Hello !!

KL> John I am not saying you should load Linux! I was wondering if
KL> you know of any reason I should delete Linux and run FreeBSD?

I finished connecting my company to the Internet in June. I used BSDI as the solution as it ranked so high with many of the ISPs that I talked to. Heck, telnet to Compuserve and you are likely going to be answered by a BSD box.. So for me setting up my personal connection to the Internet with FreeBSD was a natural.. I loaded Linux and was a bit confused with it as Linux is a bit more of an AT&T variant vs a BSD variant.

So I really couldn't say that you should delete Linux, it is clearly more popular.

I am just trying to understand what NOS options I have.. I have MFNOS and I just got my IP Address for ham radio. So I am a beginner when it comes to NOS over the wireless..

John

* Internet: woody@usbbs.com / Packet: N2HAA@KC2FD *
* Snail Mail: P.O. Box 436 / Coram NY 11727-0436 *

WoodyWare Software, Inc. - Internet E-Mail Services
Info: info@usbbs.com

91. [BBSSIG:3359] FlexNet maillist (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:58:01 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181158.GAA16526@zeus.ia.net>
Rendered body type: text/plain

Eric BERTREM wrote:

>From bbssig@tapr.org Mon Sep 16 06:46:24 1996
Date: Mon, 16 Sep 1996 06:46:21 -0500 (CDT)
Message-Id: <1.5.4.32.19960916112611.0067c7b0@meteor.aurecvideo.fr>
Reply-To: infracom@meteor.aurecvideo.fr
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Eric BERTREM <infracom@meteor.aurecvideo.fr>
To: barry@ia.net
Subject: [BBSSIG:3359] FlexNet maillist
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Transfer-Encoding: 8bit
Content-Type: text/plain; charset="iso-8859-1"
X-Mailer: Windows Eudora Light Version 1.5.4 (32)

This message was submitted by Eric BERTREM <infracom@meteor.aurecvideo.fr> to list bbssig@tapr.org. If you forward it back to the list, it will be

distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: Eric BERTREM <infracom@meteor.aurecvideo.fr>
Subject: FlexNet maillist

Hello,

a FlexNet mail-list exists. To subscribe, send an email to :

listproc@ham.ireste.fr

no subject, and the following lines in the body of the message :

subscribe flex 1st_name name (callsign)

Eg : subscribe flex Eric Bertrem (f5pje)

You'll then receive an answer within few minutes. Flex has been created to answer questions, to give information concerning updates, and to try to provide a reliable support, since the German team rarely answers.

The official WWW is :

<http://www.th-darmstadt.de:81/diverses/afthd/flexnet/>

but you'd better speak German :-))

French hams have opened another WWW :

<http://ham.ireste.fr/flexnet>

with English/French information, and keep offering an ftp server :

ham.ireste.fr

where you'll find ALL updated PC/FlexNet files, with no restrictions. Please note that this ftp site is NOT official, we have nothing to do with the German team, but simply do our best to help promoting a software we use and beleive in.

73,

Eric BERTREM / Lyon
Email : infracom@meteor.aurecvideo.fr
T01 : (04) 72 71 04 07 // (06) 08 01 64 05
Fax : (04) 78 08 18 06

PC/FlexNet : <http://ham.ireste.fr/flexnet>
F5PJE : <http://ham.ireste.fr/f5pje>

92. [BBSSIG:3360] Marty Albert (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:58:57 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181158.GAA16536@zeus.ia.net>
Rendered body type: text/plain

Karl F. Larsen wrote:

>From bbssig@tapr.org Mon Sep 16 08:17:15 1996
Date: Mon, 16 Sep 1996 08:17:12 -0500 (CDT)
Message-Id: <199609161310.HAA05953@acca.nmsu.edu>
Reply-To: k5di@acca.nmsu.edu
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
To: barry@ia.net
Subject: [BBSSIG:3360] Marty Albert
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group

Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2

This message was submitted by "Karl F. Larsen" <k5di@acca.nmsu.edu> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: Marty Albert

I hope you all read what Marty had to say. I read it 4 times. He says we are working with old software put together by committee (nos) that is either free or not paid for.

It's true that all pbbs software I have used has been free or ShareWare. I paid John Paul f6fbb the \$20.00 he requested because his pbbs software does work as advertised and has a good manual if you read French, or a strange one if you read only English.

MSYS has been free it's entire life and it often didn't do what the author said it would. But another version came out so soon you were always getting closer to doing it all.

But as with all software the new version is not better than the old version. I remember DOS. With the exception of dos 5.0, every "NEW" dos that was x.0 was a dog! It was quickly replaced by x.1 and x.11 ect.

Marty was triggered by my message explaining the problems with TNOS. I was not bashing the author in that message, but explaining why the latest version does not have a useable White Page server. And suggesting the next earlier is better.

But I think Marty is saying if we really want top line software and good documentation and an author that jumps to fix problems, we are going to have to pay him.

At this moment it looks to me like the FBB software is the single best software available for DOS and I think the stuff Remi has running called TCAPS is the FBB written for Linux/FreeBSD/unix. We will know more soon, and it looks to me like as bbs sysops we can do ourselves a favor by choosing a best and supporting it with M O N E Y.

karl
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

93. [BBSSIG:3361] Re: AA4RE FWD to MSYS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 06:59:40 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181159.GAA16544@zeus.ia.net>
Rendered body type: text/plain

Mike Fahmie wrote:

>From bbssig@tapr.org Mon Sep 16 11:35:32 1996
Date: Mon, 16 Sep 1996 11:35:29 -0500 (CDT)
Message-Id: <199609161633.JAA02283@mh1.lbl.gov>
Reply-To: MPFahmie@lbl.gov
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Mike Fahmie <MPFahmie@lbl.gov>
To: barry@ia.net

Subject: [BBSSIG:3361] Re: AA4RE FWD to MSYS
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Pro Version 2.1.2

This message was submitted by Mike Fahmie <MPFahmie@lbl.gov> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: Mike Fahmie <MPFahmie@lbl.gov>
Subject: Re: AA4RE FWD to MSYS

At 11:25 AM 9/15/96 -0500, you wrote:
>Hello all, I am having problems with forwarding to another system that runs
>msys. Path is good as i can connect through my node to the bbs west of me.
>Forwarding however seems to be backing up. I also forward east to another
>system running AA4RE and have no problems. Any suggestions would be
appreciated.
>Ken WA8OMR
>

Ken,

Some more information might help.

Have you monitored a forwarding session between your system and the MSYS
bbs? Do they exchange SSID's, does forwarding start, if so, does it
progress slowly, or normally then abruptly end, or.....etc.?

What version of AA4RE bbs are you using? What is the SSID returned by the
MSYS machine?

-Mike-

Mike Fahmie - Advanced Light Source
Lawrence Berkeley National Laboratory
(510) 486-4030 - MPFahmie@lbl.gov
WA6ZTY @ N6EEG

94. [BBSSIG:3362] Re: [Fwd: Error Message] (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:05:42 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181205.HAA16643@zeus.ia.net>
Rendered body type: text/plain

Carol AByers wrote:
>From bbssig@tapr.org Mon Sep 16 12:14:28 1996
Date: Mon, 16 Sep 1996 12:14:25 -0500 (CDT)
Message-Id: <323EC156.92C@garlic.com>
Reply-To: crlbyers@garlic.com
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Carol AByers <crlbyers@garlic.com>
To: barry@ia.net
Subject: [BBSSIG:3362] Re: [Fwd: Error Message]
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
MIME-Version: 1.0
X-Mailer: Mozilla 2.02 (Win16; I)

This message was submitted by Carol AByers <crlbyers@garlic.com> to list
bbssig@tapr.org. If you forward it back to the list, it will be distributed
without the paragraphs above the dashed line. You may edit the Subject: line
and the text of the message before forwarding it back.

If you edit the messages you receive into a digest, you will need to remove
these paragraphs and the dashed line before mailing the result to the list.
Finally, if you need more information from the author of this message, you
should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Sender: Carol AByers <crlbyers@garlic.com>
Subject: Re: [Fwd: Error Message]

Nate Bargmann wrote:
>

> Could it be that the actual text file of the neighbor and destination
> nodes that BPQ will save to disk is incompatible from 4.07 to 4.08a?
> It's been a while since I ran BPQ so I am guessing...a lot!
>
> 73 de Nate >>
>
> P.S. I would copy BPQCFG.TXT to another directory to save it then
> delete everything in the current BPQ directory and re-install 4.08a
> from the .ZIP file. Then copy your BPQCFG.TXT to the BPQ directory
> re-run BPQCFG and see if things will work. Hope something in this
> message helps!
>
> > Date: Wed, 11 Sep 1996 12:33:45 -0500 (CDT)
> > Reply-to: bbssig@tapr.org
> > From: Carol Byers <cr1byers@garlic.com>
> > To: bbssig@tapr.org
> > Subject: [BBSSIG:3117] Re: [Fwd: Error Message]
>
> > Phillip Conza wrote:
> > >
> > > Hi Carol and Mick,
> > > If I read this correct in the first para you tell us you
> > > are running BPQ 4.08a but in the last para you say that the BPQNODES save
> > > doesn't match BPQ 4.07a ...
> > >
> > > Answer is to USE all the Version 4.08a Files or use all V 4.07a files,
> > > you can't mix and match EXE from different versions..
> > >
> > > 73 Phillip ZL2TZE
> > >
> > > Have been helping our radio club set-up a local PBBS. The following
> > > error msg randomly occurs while the BBS is running...we are using the
> > > last(latest) version of AA4RE, and bpq 4.08A...the error dosen't seem to
> > > effect anything...any advise would be greatly appreciated.
> > >
> > > Carol, W9HGI CA SATGATE
> > >
> > > Carol,
> > >
> > > The error message we were waiting to write it down if it occurred again is
> > > as follows:
> > >
> > > G8BPQ Routes/Nodes save version for 407A 1994. Version of BPQCODE
> > > does not match that of BPQNODES.
> > >
> > > Got to run
> > > Mick
> > > --
> > > Phillip Conza
> > > AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
> > > E-Mail phil@zl2tze.mlb.planet.gen.nz
> > Hi Phillip,
> >
> > Understand what you say ... have checked the files and they are all from
> > 4.08A ?? Don't know why we are getting the msg ??
> >
> >
> >
> ---
>
> nbargman@fullnet.net
>
> Pattison's Law of Electronics
> If more than one pair of wires are to be
> connected, the first way blows the fuse.Hi Nate,

Good suggestion ... I'll give it a try Thanks for your help.

Carol, W9HGI

95. [BBSSIG:3363] Re: White Page Servers (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:06:40 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181206.HAA16660@zeus.ia.net>
Rendered body type: text/plain

Hank Oredson wrote:
>From bbssig@tapr.org Mon Sep 16 12:33:10 1996
Date: Mon, 16 Sep 1996 12:33:06 -0500 (CDT)
Message-Id: <199609161718.KAA11218@em-wv03.wv.mentorg.com>
Reply-To: Hank_Oredson@MENTORG.COM
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Hank Oredson <Hank_Oredson@MENTORG.COM>
To: barry@ia.net
Subject: [BBSSIG:3363] Re: White Page Servers
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2

This message was submitted by Hank Oredson <Hank_Oredson@MENTORG.COM> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: White Page Servers

At 08:20 PM 9/15/96 -0500, KC6UFM wrote:

>The final point is that there is no Ham software out there now that is less
>than ten years out of date. This is a circular problem, however... Ham
>hardware tends to be 10-20 years behind the current levels, so we don't need
>cutting edge software. On the other hand, if we had software available,
>perhaps this would drive the hardware back up as well. Sadly, I'm not
>convinced that our current crop of software could be brought up to speed in
>any way... Think about it: NOS and APRS are our brightest technical stars
>and both were done over 30 years ago in the commercial sector.

Just as a point of reference: I've put together two business plans over the years to try and make the case that there *is* a business lurking somewhere in the digital bbs software market. Both times the net turned out to be negative over both a 3 and a 5 year period.

Fairly strongly negative, to the tune of at least \$50,000 per year.

So I figure that there is no reason, other than having fun, to write bbs software. If hams would pay for professional software, I'd write it (I do that for a living - write www and networking software ...).

Hank Oredson @ Mentor Graphics	Library Operations
Internet : hank_oredson@mentorg.com	"Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM	

96. [BBSSIG:3364] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:06:59 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181206.HAA16671@zeus.ia.net>
Rendered body type: text/plain

Hank Oredson wrote:
>From bbssig@tapr.org Mon Sep 16 12:33:12 1996
Date: Mon, 16 Sep 1996 12:33:09 -0500 (CDT)
Message-Id: <199609161718.KAA11215@em-wv03.wv.mentorg.com>
Reply-To: Hank_Oredson@MENTORG.COM
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Hank Oredson <Hank_Oredson@MENTORG.COM>
To: barry@ia.net
Subject: [BBSSIG:3364] Re: FBB+BPQ+JNOS
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2

This message was submitted by Hank Oredson <Hank_Oredson@MENTORG.COM> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: FBB+BPQ+JNOS

At 11:33 AM 9/15/96 -0500, you wrote:
>At 10:13 PM 9/13/96 -0500, Ron VE1AIC wrote:
>>- What is PDEther and what does it do?
>
>PDEther uses a Packet vector driver instead of ODI. Straight ODI drivers
>work much better.

Can you provide a pointer to some of those?

>
>>- What is the link between BPQ and JNOS?
>
>Well, JNOS used KISS, so you can get BPQ to "emulate" kiss with BPQHKISS.COM.
>The better solution is to recompile JNOS with the BPQ support in it... I'm
>not sure which version had it, but I downloaded it, and recompiled it, and
>it attached to the BPQ switch like attaching to a kiss tnc... Worked ok...

Works best if you do use the "attach bpq" ...

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

97. [BBSSIG:3365] Re: FBB+BPQ+JNOS (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:07:19 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181207.HAA16680@zeus.ia.net>
Rendered body type: text/plain

Hank Oredson wrote:
>From bbssig@tapr.org Mon Sep 16 12:33:17 1996
Date: Mon, 16 Sep 1996 12:33:13 -0500 (CDT)
Message-Id: <199609161718.KAA11212@em-wv03.wv.mentorg.com>
Reply-To: Hank_Oredson@MENTORG.COM
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: Hank Oredson <Hank_Oredson@MENTORG.COM>
To: barry@ia.net
Subject: [BBSSIG:3365] Re: FBB+BPQ+JNOS
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2

This message was submitted by Hank Oredson <Hank_Oredson@MENTORG.COM> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: Hank Oredson <Hank_Oredson@MENTORG.COM>
Subject: Re: FBB+BPQ+JNOS

At 10:13 PM 9/13/96 -0500, you wrote:
>
>3. In order to get JNOS to talk to BPQ I had tried running NODEDRV4 as:

```
>lsl
>ne1000
>ipxodi a
>odidrv 98
>bpqcode
>nodedrv4 0x61 1 1
>nodedrv4 0x62 2 2
```

You don't need nodedrv4.
JNOS now has BPQ support built into it.
Just do "attach bpq" ... see the docs for details,
or send me email at w0rli@w0rli.or.usa.noam and I
can send you details.

```
>In my JNOS I had:
>attach packet 61 p1 5 256
>attach packet 62 p2 5 256
>
>This is the format used in the BPQ documentation.
```

```
>4. When this didnt work I tried using Hank's PDEther:
>NE2000 0x61 10 300
>PDEther
>IPXODI A
>ODIDRV 98
>BPQCODE
>Setup & Start NOS batch-file
>
```

>If I try a connect to port "p1" JNOS says its not an AX25 port.

Send me mail at w0rli@w0rli.or.usa.noam and I can send you details.

```
>- I do not have any "netrom" statements in my autoexec.nos.
>Its my understanding that netrom is internal driver used only for async ports.
```

That is correct.

```
>- What is PDEther and what does it do?
>- What is the link between BPQ and JNOS?
```

An "attach bpq" ...

```
>I know I'm missing something, perhaps a simple thing..but frustrating just
>the same.
```

If you want jnos to also talk directly to the ethernet,
you will also need pktmux and two copies of pktdrv running.

But all these details are at home, not here at the office.

```
Hank Oredson @ Mentor Graphics      Library Operations
Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
```

98. [BBSSIG:3366] Re: AA4RE FWD to MSYS (fwd)

```
From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:09:50 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181209.HAA16716@zeus.ia.net>
Rendered body type: text/plain
```

Charles E. Gelm wrote:

```
>From bbssig@tapr.org Tue Sep 17 06:44:39 1996
Date: Tue, 17 Sep 1996 06:44:36 -0500 (CDT)
Message-Id: <323EB64E.3897@erinet.com>
Reply-To: gelmce@erinet.com
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Charles E. Gelm" <gelmce@erinet.com>
To: barry@ia.net
Subject: [BBSSIG:3366] Re: AA4RE FWD to MSYS
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
MIME-Version: 1.0
```


X-Mailer: Mozilla 2.02 (Win16; I)

This message was submitted by "Charles E. Gelm" <gelmce@erinet.com> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: AA4RE FWD to MSYS

Ken Cox wrote:

>
> Hello all, I am having problems with forwarding to another system that runs
> msys. Path is good as i can connect through my node to the bbs west of me.
> Forwarding however seems to be backing up. I also forward east to another
> system running AA4RE and have no problems. Any suggestions would be appreciated.
> Ken WA8OMR

Hi, Ken:

I run AA4RE v21r and forward to MSYS v118/119, TNOS, JNOS, RLI & FBB. I cannot recall difficulty in the forward, but I have difficulty in getting a NETROM connect to MSYS. Hence, I 'force' an ax.25 circuit on the last connect to other MSYS stations in SWOH. Interesting, I can get a rapid connect to a much more distant, and more node hops, station running MSYS ! As the 'Inch Worm' would say: "What EXACTICALLY is the problem?"

:-)
Chuck

99. [BBSSIG:3367] Re: Packet BBS software for Linux other than (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:10:06 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181210.HAA16730@zeus.ia.net>
Rendered body type: text/plain

Charles E. Gelm wrote:

>From bbssig@tapr.org Tue Sep 17 08:14:17 1996
Date: Tue, 17 Sep 1996 08:14:10 -0500 (CDT)
Message-Id: <323ECC5A.16BE@erinet.com>
Reply-To: gelmce@erinet.com
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Charles E. Gelm" <gelmce@erinet.com>
To: barry@ia.net
Subject: [BBSSIG:3367] Re: Packet BBS software for Linux other than
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
MIME-Version: 1.0
X-Mailer: Mozilla 2.02 (Win16; I)

This message was submitted by "Charles E. Gelm" <gelmce@erinet.com> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

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----- Message requiring your approval -----
Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Re: Packet BBS software for Linux other than

Brian A. Lantz wrote:

>
> On Fri, 13 Sep 1996, Charles E. Gelm wrote:

```

>
> Ignoring the very pointed personal problem the author has against me...
>
> > I saw the claims Brian made about TNOS on his home page and other places.
> > TNOS was claimed to be stable, reliable code (or is it more stable and
> > reliable than the 'other' xNOS?). v2.02 had 12 patches although Brian
> > seemed to claim there was nothing wrong with the code.
>
> TNOS (like myself) is NOT perfect! Most of the code has been inherited
> from other sources, and has been continually cleaned up. This requires
> patches, or ignoring the problems. I choose the former.
>
> > v2.10 crashes
> > alot ( as I noticed by reading tnos-topics@lantz.com ).
>
> Most programs will improperly or incompletely configured.
>
> > I would like to
> > peruse the .DOCs to TNOS, but I don't run the required software/os to
> > retrieve them. Linux gunzip or a command-line ftp service is needed and
> > I only have netscape (i.e. I can't do a FTP 'GET').
>
> The Unix versions of the archives require GZIP, the standard archiving
> utility for Unix. The MS-DOS versions of the archives require PKUNZIP, the
> MS-DOS standard archiving utility. Many are also available unarchived.
>
> -----
> Brian A. Lantz      http://www.lantz.com      brian@lantz.com
>
> REAL PORTION of Microsoft Windows code:
>     while (memory_available) {
>         eat_major_portion_of_memory (no_real_reason);
>         if (feel_like_it)
>             make_user_THINK (this_is_an_OS);
>         gates_bank_balance++;
>     }Dear Brian:
>
>
> You are right, I was wrong.

```

73, Chuck

100. [BBSSIG:3368] pbbs ideas (fwd)

```

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:10:53 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181210.HAA16751@zeus.ia.net>
Rendered body type: text/plain

```

Karl F. Larsen wrote:

```

>From bbssig@tapr.org Tue Sep 17 08:14:18 1996
Date: Tue, 17 Sep 1996 08:14:12 -0500 (CDT)
Message-Id: <199609171310.HAA12102@acca.nmsu.edu>
Reply-To: k5di@acca.nmsu.edu
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
To: barry@ia.net
Subject: [BBSSIG:3368] pbbs ideas
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Type: text/plain; charset="us-ascii"
X-Mailer: Windows Eudora Light Version 1.5.2

```

This message was submitted by "Karl F. Larsen" <k5di@acca.nmsu.edu> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

If you edit the messages you receive into a digest, you will need to remove these paragraphs and the dashed line before mailing the result to the list. Finally, if you need more information from the author of this message, you should be able to do so by simply replying to this note.

```

----- Message requiring your approval -----
Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Subject: pbbs ideas

```

There are a lot of new ideas for a pbbs system. The 3 operating

systems seem to be DOS, Linux and freeBSD. The last two are operating systems that convert a PC designed to run DOS into a PC that runs unix.

There is a new compiler that will compile software for use with DOS that makes the DOS environment appear to have much more than 640kbytes in the base memory. The compiler is free and I downloaded it from a web site.

My experience has been that DOS is stable, but when you try to multitask with windows, it crashes on about a 1 week basis.

I have seen reports, which I believe, that Linux has run for over a year without a single crash. The freeBSD should also be crash free. Both unix will multitask well and allow Gateway service to combine with pbbs service.

It remains to be seen how well XNOS will run when made with the new compiler in DOS. It should fix the major problem of NOS running out of space and crashing.

Time to take my 5 km walk with Daisy the doberman. I will talk about pbbs software in another message.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

101. [BBSSIG:3369] Looking for TNOS FAQ in DOS format (fwd)

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 07:11:11 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609181211.HAA16759@zeus.ia.net>
Rendered body type: text/plain

Charles E. Gelm wrote:

>From bbssig@tapr.org Tue Sep 17 08:32:19 1996
Date: Tue, 17 Sep 1996 08:32:10 -0500 (CDT)
Message-Id: <323ECFA5.2B00@erinet.com>
Reply-To: gelmce@erinet.com
Originator: bbssig@tapr.org
Sender: bbssig@tapr.org
Precedence: bulk
From: "Charles E. Gelm" <gelmce@erinet.com>
To: barry@ia.net
Subject: [BBSSIG:3369] Looking for TNOS FAQ in DOS format
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
MIME-Version: 1.0
X-Mailer: Mozilla 2.02 (Win16; I)

This message was submitted by "Charles E. Gelm" <gelmce@erinet.com> to list bbssig@tapr.org. If you forward it back to the list, it will be distributed without the paragraphs above the dashed line. You may edit the Subject: line and the text of the message before forwarding it back.

If you edit the messages you receive into a digest, you will need to remove these paragraphs and the dashed line before mailing the result to the list. Finally, if you need more information from the author of this message, you should be able to do so by simply replying to this note.

----- Message requiring your approval -----
Sender: "Charles E. Gelm" <gelmce@erinet.com>
Subject: Looking for TNOS FAQ in DOS format

Hi, Y'all:

I am looking for the FAQ for TNOS v2.10 in DOS format. So far, I have found:

Current directory is /tnos/release2.10/dos/faq

Up to higher level directory

[Image]	FAQ-0.2.h...	28 Kb	Fri Apr 19 12:15:00 1996	GNU Zip
Compressed Data				
[Image]	FAQ-0.2.p...	39 Kb	Mon Nov 13 00:00:00 1995	GNU Zip
Compressed Data				
[Image]	FAQ-0.2.t...	27 Kb	Fri Apr 19 12:13:00 1996	GNU Zip
Compressed Data				

but these filenames end in '.gz'.

These files will auto-magically gunzip if I had command line FTP service, but I use a web browser/ISP and do not know how to issue:

```
binary
get "FAQ-0.2.t...gz"
```

73, Chuck

102. Re: [BBSSIG:3377] Marty Albert (fwd)

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 18 Sep 1996 17:23:55 -0600
To: bbssig@tapr.org
Message-ID: <199609182323.RAA10159@acca.nmsu.edu>
Rendered body type: text/plain

At 07:11 AM 9/18/96 -0500, you wrote:

```
>Karl F. Larsen wrote:
>>From bbssig@tapr.org Mon Sep 16 08:17:15 1996
>Date: Mon, 16 Sep 1996 08:17:12 -0500 (CDT)
>Message-Id: <199609161310.HAA05953@acca.nmsu.edu>
>Reply-To: k5di@acca.nmsu.edu
>Originator: bbssig@tapr.org
>Sender: bbssig@tapr.org
>Precedence: bulk
>From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
>To: barry@ia.net
>Subject: [BBSSIG:3360] Marty Albert
>X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
>X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
>Content-Type: text/plain; charset="us-ascii"
>X-Mailer: Windows Eudora Light Version 1.5.2
>
>This message was submitted by "Karl F. Larsen" <k5di@acca.nmsu.edu> to list
>bbssig@tapr.org. If you forward it back to the list, it will be distributed
>without the paragraphs above the dashed line. You may edit the Subject: line
>and the text of the message before forwarding it back.
>
>If you edit the messages you receive into a digest, you will need to remove
>these paragraphs and the dashed line before mailing the result to the list.
>Finally, if you need more information from the author of this message, you
>should be able to do so by simply replying to this note.
>
>----- Message requiring your approval -----
>Sender: "Karl F. Larsen" <k5di@acca.nmsu.edu>
>Subject: Marty Albert
>
>
>I hope you all read what Marty had to say. I read it 4 times. He
>says we are working with old software put together by committee (nos) that
>is either free or not paid for.
>
>It's true that all pbbs software I have used has been free or
>ShareWare. I paid John Paul f6fbb the $20.00 he requested because his pbbs
>software does work as advertised and has a good manual if you read French,
>or a strange one if you read only English.
>
>MSYS has been free it's entire life and it often didn't do what the
>author said it would. But another version came out so soon you were always
>getting closer to doing it all.
>
>But as with all software the new version is not better than the old
>version. I remember DOS. With the exception of dos 5.0, every "NEW" dos that
>was x.0 was a dog! It was quickly replaced by x.1 and x.11 ect.
>
>Marty was triggered by my message explaining the problems with TNOS.
>I was not bashing the auther in that message, but explaining why the latest
>version does not have a useable White Page server. And suggesting the next
>earlier is better.
>
>But I think Marty is saying if we really want top line software and
>good documentation and an auther that jumps to fix problems, we are going to
>have to pay him.
>
>
>At this moment it looks to me like the FBB software is the single
>best software available for DOS and I think the stuff Remi has running
>called TCAPS is the FBB written for Linux/FreeBSD/unix. We will know more
>soon, and it looks to me like as bbs sysops we can do ourselves a favor by
>choosing a best and supporting it with M O N E Y.
>
```

>karl
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

103. POLICY Statement

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 20:44:15 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609190144.UAA02021@zeus.ia.net>
Rendered body type: text/plain

I'm unable to baby sit this BBSSIG!

Karl and Brian continue to are unhappy with each other and I am unable to provide adequate moderation.

Therefore:

1. The BBSSIG is no longer moderated. When I'm gone for a couple of days the msgs build up and there are all the errors to sort through. It is physically quite difficult to deal with more than 1 or 2 days of moderate volume of traffic.
2. In order to provide some tool for dealing with problems, the new policy will be to lock out people who make personal attacks. No warnings or threats. If necessary I'll just do it.
3. 99.9% of the membership seems to get along and I'm quite pleased that the summer doldrums are over. The threads in the last few weeks have been rather productive. Thanks to all who have contributed to the factual discussions.

73 Barry

104. postings in transition

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Wed, 18 Sep 1996 20:46:53 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609190146.UAA02060@zeus.ia.net>
Rendered body type: text/plain

A few postings were waiting in my queue when the sig transitioned from closed to open. I posted what was here, but they look like they came from me rather than the true originator. Please look carefully at the headers if you wish to send personal mail to the commentors.

Also, some folks used to point out that they pay by the byte for email and have requested that you NOT copy large portions of an original message when replying. Thanks for your cooperation.

73 Barry

105. Packet Autonomy Threatened in Texas

From: Dave Wolf <wo5h@tapr.org>
Date: Wed, 18 Sep 1996 22:19:55 -0500
To: bbssig@tapr.org
Cc: netsig@tapr.org
Message-ID: <3240BBDB.32F5@tapr.org>
Rendered body type: text/plain

To all packet service providers:

This summer, the frequency coordinating body for Texas decided that packet radio needed their magic touch. Please take a look at the Texas Packet Radio Society web site for the complete story. It is just beginning. I hope this is NOT something that you will have to face in your state.

The lesson is that politics is sometimes as important as mastering new technology.

<http://www.tprs.org/html/threat.htm>

Best 73,

Dave Wolf W05H

>> Marty was triggered by my message explaining the problems with TNOS.
>>I was not bashing the author in that message, but explaining why the latest
>>version does not have a useable White Page server. And suggesting the next
>>earlier is better.

Well, not exactly, Karl... My letter was NOT meant to attack you for your
valid complaints and equally valid correction to the problems. Please see
more below...

>> But I think Marty is saying if we really want top line software and
>>good documentation and an author that jumps to fix problems, we are going to
>>have to pay him.

That is exactly it! Afterall, does anyone think that they can get something
as good as, say, Lotus Suite for free?

>> At this moment it looks to me like the FBB software is the single
>>best software available for DOS and I think the stuff Remi has running
>>called TCAPS is the FBB written for Linux/FreeBSD/unix. We will know more
>>soon, and it looks to me like as bbs sysops we can do ourselves a favor by
>>choosing a best and supporting it with M O N E Y.

I agree with you on FBB being the best now available. Most of the others and
all of the NOS variants are poor at best.

>>karl
>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

Again, my intent here is NOT to bash anyone... Not the users, not the
authors, and not even the software itself.

I simply want to point out that if you want free software, you get what you
pay for: Shoddy software, poor documentation, and no support.

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

HIS... An Internet Link Exchange Member!
<http://www.trucom.com/ppages/marty>

108. FlexNet maillist

From: Eric BERTREM <infracom@meteor.aurecvideo.fr>
Date: Thu, 19 Sep 1996 09:11:31 +0200
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19960919071131.0067ac08@meteor.aurecvideo.fr>
Rendered body type: text/plain

>To: Infracom
>From: bbssig@tapr.org
>Date: 18 Sep 96 15:02:32 -0500
>Subject: [BBSSIG:3376] FlexNet maillist (fwd)
>
>
>Eric BERTREM wrote:
>>From bbssig@tapr.org Mon Sep 16 06:46:24 1996
>>Date: Mon, 16 Sep 1996 06:46:21 -0500 (CDT)
>>Message-Id: <1.5.4.32.19960916112611.0067c7b0@meteor.aurecvideo.fr>
>>Reply-To: infracom@meteor.aurecvideo.fr
>>Originator: bbssig@tapr.org
>>Sender: bbssig@tapr.org
>>Precedence: bulk
>>From: Eric BERTREM <infracom@meteor.aurecvideo.fr>
>>To: barry@ia.net
>>Subject: [BBSSIG:3359] FlexNet maillist
>>X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
>>X-Comment: Tucson Amateur Packet Radio BBS Special Interest Group
>>Content-Transfer-Encoding: 8bit
>>Content-Type: text/plain; charset="iso-8859-1"
>>X-Mailer: Windows Eudora Light Version 1.5.4 (32)
>
>This message was submitted by Eric BERTREM <infracom@meteor.aurecvideo.fr> to
>list bbssig@tapr.org. If you forward it back to the list, it will be

```

>distributed without the paragraphs above the dashed line. You may edit the
>Subject: line and the text of the message before forwarding it back.
>
>If you edit the messages you receive into a digest, you will need to remove
>these paragraphs and the dashed line before mailing the result to the list.
>Finally, if you need more information from the author of this message, you
>should be able to do so by simply replying to this note.
>
>----- Message requiring your approval -----
>Sender: Eric BERTREM <infracom@meteor.aurecvideo.fr>
>Subject: FlexNet maillist
>
>Hello,
>
>a FlexNet mail-list exists. To subscribe, send an email to :
>
>    listproc@ham.ireste.fr
>
>no subject, and the following lines in the body of the message :
>
>    subscribe flex 1st_name name (callsign)
>
>Eg :    subscribe flex Eric Bertrem (f5pje)
>
>You'll then receive an answer within few minutes. Flex has been created to
>answer questions, to give information concerning updates, and to try to
>provide a reliable support, since the German team rarely answers.
>
>The official WWW is :
>
>    http://www.th-darmstadt.de:81/diverses/afthd/flexnet/
>
>but you'd better speak German :-))
>
>French hams have opened another WWW :
>
>    http://ham.ireste.fr/flexnet
>
>with English/French information, and keep offering an ftp server :
>
>    ham.ireste.fr
>
>where you'll find ALL updated PC/FlexNet files, with no restrictions.
>Please note that this ftp site is NOT official, we have nothing to do with
>the German team, but simply do our best to help promoting a software we use
>and beleive in.
>
>73,
>
>
>
>Eric BERTREM / Lyon
>Email : infracom@meteor.aurecvideo.fr
>Tél : (04) 72 71 04 07 // (06) 08 01 64 05
>Fax : (04) 78 08 18 06
>
>PC/FlexNet : http://ham.ireste.fr/flexnet
>F5PJE : http://ham.ireste.fr/f5pje
>
>
>
>
>Eric BERTREM / Lyon
>Email : infracom@meteor.aurecvideo.fr
>Tél : (04) 72 71 04 07 // (06) 08 01 64 05
>Fax : (04) 78 08 18 06
>
>PC/FlexNet : http://ham.ireste.fr/flexnet
>F5PJE : http://ham.ireste.fr/f5pje

```

109. Re: [BBSSIG:3388] POLICY Statement

```

From: "Brian A. Lantz" <brian@lantz.com>
Date: Thu, 19 Sep 1996 07:58:16 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.91.960919075813.13030H-100000@lantz.com>
Rendered body type: text/plain

On Wed, 18 Sep 1996, Barry Buelow WA0RJT wrote:

```



```

>
> I'm unable to baby sit this BBSSIG!
>
> Karl and Brian continue to are unhappy with each other and I am unable to
> provide adequate moderation.
>
> Therefore:
>
> 1. The BBSSIG is no longer moderated. When I'm gone for a comple of days
> the msgs build up and there are all the errors to sort through. It is
> physically quite difficult to deal with more than 1 or 2 days of moderate
> volume of traffic.
>
> 2. In order to provide some tool for dealing with problems, the new
> policy will be to lock out people who make personal attacks. No warnings
> or threats. If necessary I'll just do it.
>
> 3. 99.9% of the membership seems to get along and I'm quite pleased
> that the summer doldrums are over. The threads in the last few weeks
> have been rather productive. Thanks to all who have contributed to the
> factual discussions.
>
> 73 Barry
>
>
>

```

```

-----
Brian A. Lantz      http://www.lantz.com      brian@lantz.com

```

```

REAL PORTION of Microsoft Windows code:
    while (memory_available) {
        eat_major_portion_of_memory (no_real_reason);
        if (feel_like_it)
            make_user_THINK (this_is_an_OS);
        gates_bank_balance++;
    }

```

110. Re: [BBSSIG:3391] Re: POLICY Statement

```

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 19 Sep 1996 06:46:32 -0600
To: bbssig@tapr.org
Message-ID: <199609191246.GAA27481@acca.nmsu.edu>
Rendered body type: text/plain

```

```

At 11:17 PM 9/18/96 -0500, you wrote:
>At 21:00 9/18/96 -0500, you wrote:
>
>>I'm unable to baby sit this BBSSIG!
>>
>>Karl and Brian continue to are unhappy with each other and I am unable to
>>provide adequate moderation.
>
>It's unfortunate that you have to resort to that Barry...but you know
>what..I agree with you 100%. I have yet to see K5DI send a message
>that does'nt include a bite into someone's back.....it's long overdue.!!!
>
>73's
>

```

I suggest you have not read all that I submit to this sig.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

111. Re: [BBSSIG:3390] Packet Autonomy Threatened in Texas

```

From: N5RKN@aol.com
Date: Thu, 19 Sep 1996 09:14:16 -0400
To: bbssig@tapr.org
Message-ID: <960919091415_312309691@emout07.mail.aol.com>
Rendered body type: text/plain

```

I have a problem with coordinating of packet. I have no problems with suggestions from the group. But, as usual, the Society will base their decisions on problems that may be occurring within larger population centers... and leave us out here in West Texas with some ridiculous guidelines. Besides, the only thing that I feel needs to be addressed is perhaps a gentle nudge to sepearate APRS and normal packet

operations. However, APRS survives fine on the old 145.010 network out here.
For
the most part, most of the node owners are not willing to build up another
separate
network just for APRS. And the APRS users are not willing to part with a
dime to
build up another system. For those in areas that can put up digis on
mountaintops
or high terrain where they have great coverage for the one digi, I
say...Great! Unfortunately, we here in the flatlands have to build a system
up.
73' Robert sysop West Texas N5RKN

112. Re: [BBSSIG:3396] Re: Packet Autonomy Threatened in Texas

From: Marty Albert <marty@trucom.com>
Date: Thu, 19 Sep 1996 11:34:10 -0500
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19960919163410.00670718@mail.trucom.com>
Rendered body type: text/plain

Hello, Again:

At 08:15 AM 9/19/96 -0500, Robert wrote:

>I have a problem with coordinating of packet. I have no problems with
>suggestions from the group. But, as usual, the Society will base their
>decisions on problems that
>may be occurring within larger population centers... and leave us out here in
>West
>Texas with some ridiculous guidelines. Besides, the only thing that I feel
>needs to
>be addressed is perhaps a gentle nudge to separate APRS and normal packet
>operations. However, APRS survives fine on the old 145.010 network out here.
> For
>the most part, most of the node owners are not willing to build up another
>separate
>network just for APRS. And the APRS users are not willing to part with a
>dime to
>build up another system. For those in areas that can put up digis on
>mountaintops
>or high terrain where they have great coverage for the one digi, I
>say...Great! Unfortunately, we here in the flatlands have to build a system
>up.
> 73' Robert sysop West Texas N5RKN
>

I can understand the problems you are having, Robert... Here in Southeast
Missouri, we have similar problems. Due to population distribution, it seems
that the only packet network that exists is between St. Louis and Kansas
City. We out here in the "boonies" get left out in the cold.

However, this does have its advantages... To make a long story short, we
simply ignore the guidelines set down by the coordinator and do what we have
to do in order to make out little corner of the state work... The
coordinators are so little aware of us, they never even seem to notice!

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

Full Internet presence Virtual Servers from just \$29.00 a month!
<http://www.adgrafix.com/info/calbertjr>

113. Re: [BBSSIG:3397] Re: Packet Autonomy Threatened in Texas

From: "robert e. kennedy" <ke4hsb@apex.net>
Date: Thu, 19 Sep 1996 13:53:16 -0500
To: bbssig@tapr.org
Message-ID: <199609191853.NAA12045@apex.apex.net>
Rendered body type: text/plain

At 11:57 AM 9/19/96 -0500, you wrote:

>Hello, Again:
>


```

>> 2. In order to provide some tool for dealing with problems, the new
>> policy will be to lock out people who make personal attacks. No warnings
>> or threats. If necessary I'll just do it.
>>
>> 3. 99.9% of the membership seems to get along and I'm quite pleased
>> that the summer doldrums are over. The threads in the last few weeks
>> have been rather productive. Thanks to all who have contributed to the
>> factual discussions.
>>
>> 73 Barry
>>
>>
>>
>
>-----
>Brian A. Lantz      http://www.lantz.com      brian@lantz.com
>
>REAL PORTION of Microsoft Windows code:
>    while (memory_available) {
>        eat_major_portion_of_memory (no_real_reason);
>        if (feel_like_it)
>            make_user_THINK (this_is_an_OS);
>        gates_bank_balance++;
>    }
>
>
>Barry: You're not ruling out an occasional anecdote - are you?
73 cu Ron"KD4AMS"

```

115. Software Support

```

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>
Date: Thu, 19 Sep 1996 21:11:08 +1200
To: bbssig@tapr.org
Message-ID: <3242632d.z12tze@z12tze.mlb.planet.gen.nz>
Rendered body type: text/plain

```

Hi Guys

Over the last few days many a message has passed via the SIG about the short falls of various Software and people, this is not really the Amateur spirit..

I feel this not doing HAM Radio or this SIG any justice what so ever..

These People that produce software for us to use do so for AMATEUR RADIO and need commending for that..

Author bashing is a FAST way to see the demise of these programs and then what will we all use " FLAGS " ..

Many an author would like to charge you and I 100s of dollars but would you rush out and purchase it, I don't think so ..

Who wants another round like the Packet Cluster guys got a while ago, NOT me I don't want to pay 100s of dollars then have the author go of and produce commercial software and not support the package I purchased..

If this type of thing carries on it won't be long before we will all have to register with an author before he will part with his software..

Some authors ask for a donation of a few dollars to help out, how many of you that appear to be on a Author Hunt have made these donations ?..

It might be time for those that use this" poorly supported software" to let the moths out of their back pockets and send a donation or two ,this may help..

Other option is to change to a better supported package..

While I agree that some Docs that are sent with programs are a little thin on information , this is where your ability as an amateur should show through ..

There are various SIGs now for most packet software on Internet and in the Packet BBS system that you can join to advise authors of an error and if you have a Valid complaint sit down with a pen and paper and send the author a written letter advising him/her of the complaint and 50 bucks to cover the agro , I am sure it will get attended to after the banking is done..

No I am not a writer of software just a supporter of those that give their valuable time to supply us hard done by poorly paid BBS Sysops software to play with and destroy . :-)

How a complaint is dealt with: :-)

1/ Complaints by annoyous phone call ,	Nothing done
2/ By annoyous letter	Nothing done
3/ By visiting the person	Get to it in 2 weeks ?
4/ By hand written letter with 50 dollars **	Next week maybe
5/ By hand written letter with 200 dollars **	Tomorrow
6/ Personal visit with 200 dollars CASH	While you wait :-)

** Personal Cheques after bank clearance add 7 days

73 Phillip ZL2TZE

--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

116. FBB-Flexnet

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Date: Thu, 19 Sep 1996 22:25:59 +1200
To: f6fbb-list@phx-az.com
Cc: bbssig@tapr.org
Message-ID: <3242632f.zl2tze@zl2tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

Is there anyone on the SIG that is using PC FLEXNET with FBB 5.15c..

Could you please contact me ..

Thanks .

73 Phillip ZL2TZE--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

117. Re: [BBSSIG:3396] Re: Packet Autonomy Threatened in Texas

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 19 Sep 1996 16:20:59 -0600
To: bbssig@tapr.org
Message-ID: <199609192220.QAA15928@acca.nmsu.edu>
Rendered body type: text/plain

At 08:15 AM 9/19/96 -0500, you wrote:

>I have a problem with coordinating of packet. I have no problems with
>suggestions from the group. But, as usual, the Society will base their
>decisions on problems that
>may be occuring within larger population centers... and leave us out here in
>West
>Texas with some ridiculous guidelines. Besides, the only thing that I feel
>needs to
>be addressed is perhaps a gentle nudge to seperate APRS and normal packet
>operations. However, APRS survives fine on the old 145.010 network out here.

If you really think you need to seperate APRS and "normal packet" then you need some experiance we have had in New Mexico. When we got a DX Cluster it was thought that the cluster stuff needed to be on another network. The pbbs forwarding was pointed at as hogging the 145.01 network.

In many places you see 145.01 a "user" and 145.03 a "pbbs" and 145.05 as the "DX Cluster" frquency. They all work fine but are 3 1200 baud systems running in parallel. Very ineficient!

What we did was replace those 3 radios and tnc's and antenna's with just one radio and tnc and antenna. The single system runs at 9600 baud simplex. In El Paso you can get to this high speed link from 145.01,145.05 and 2 other systems on the 440 band. In Las Cruces, NM you can get to the high speed link on 145.07 and 144.97 which are both 1200 baud.

Today we have a Gateway, tcp/ip, pbbs forwarding and dx cluster traffic all on the frequency the user can best hit. It is never overloaded and no-one is unhappy. They can see that packet radio is all these things.

The bottom line is this: Don't duplicate networks. Expand the existing networks as needed. And DO NOT tell a user he can't do that!

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

118. Authors

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 19 Sep 1996 17:15:29 -0600
To: bbssig@tapr.org
Message-ID: <199609192315.RAA17714@acca.nmsu.edu>
Rendered body type: text/plain

I appologise to all the hams that are writing code supporting the packet radio pbbs system. I have been way off base expecting help that is just not there. It was unreasonable of me to expect any support at all. This is because the author is working on code, on his spare time. He enjoys writing code that works and has new features for the pbbs world.

Doing documentation is dog work. No body likes to do it. And in spite of the lack of documentation many guys do make the software work.

I have been way off base telling an author that his software has a problem and please fix it. Where I used to work that was called giving away the monkey. You have a problem (Monkey). You find someone that you think can fix the problem and give him the monkey. Lots of people are not happy getting a monkey. In fact I don't know a single person who likes to get one. A sucessful person is very careful not to give anyone a monkey.

When I pay nothing for software as much fun as NOS is, I should be happy with what works, and keep my big fat mouth closed about what doesn't. And if I want to try and help, I should volunteer for what I can do. I can write. I can't write code but I can write a technical document. I did that for 35 years.

At this moment my pbbs is running TNOS. It's working real well. I am learning about Linux, another free software. It is simply great and from my experiance with it I will continue to use it for the future.

Please accept my deepest regrets for my actions towards authors and my pledge to do very much better. Very much better may be to say nothing.

73 de karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

119. Re: [BBSSIG:3400] Software Support

From: Marty Albert <marty@trucom.com>
Date: Thu, 19 Sep 1996 18:35:12 -0500
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19960919233512.0067b400@mail.trucom.com>
Rendered body type: text/plain

Just me again...

At 04:37 PM 9/19/96 -0500, Phillip wrote:

>Hi Guys

> Over the last few days many a message has passed via the SIG about the
>short falls of various Software and people, this is not really the Amateur
>spirt..

hmmm... Are we reading the same group? I have seen, other than Karl's original posting, no software names mentioned in a bad light. Just a few facts pointed out.

>I feel this not doing HAM Radio or this SIG any justice what so ever..
>

>These People that produce software for us to use do so for AMATEUR RADIO
>and need commending for that..

And they have been... I will, however, say it again. All of the various authors have produced software that is at least usable.

>Author bashing is a FAST way to see the demise of these programs and then
>what will we all use " FLAGS " ..

Again, what group have you been reading? No authors have been bashed.

>Many an author would like to charge you and I 100s of dollars but would you

>rush out and purchase it, I don't think so ..

The sad fact is, you get what you pay for, especially in terms of support.
There are MANY good freeware and fully functional Shareware programs out
there (not only for Ham Radio), but few, if any, have any support at all.

>Who wants another round like the Packet Cluster guys got a while ago, NOT me
>I don't want to pay 100s of dollars then have the author go of and produce
>commercial software and not support the package I purchased..

I guess you feel the same way about all software? That is the impression
that you give, Phillip. Does this mean that won't pay for, say, Windows 95
because Micro-Soft will soon be coming out with Windows 96? If so, just
where did you get your copy of Windows 95?

>If this type of thing carries on it won't be long before we will all have to
>register with an author before he will part with his software..

And what's your point? You want something for nothing?

>Some authors ask for a donation of a few dollars to help out, how many of you
>that appear to be on a Author Hunt have made these donations ?..

Over the years, I have probably paid out well over \$5,000 USD for shareware.

>It might be time for those that use this" poorly supported software" to let
>the moths out of their back pockets and send a donation or two ,this may
>help..

Finally, something that makes sense... Yes, send the author(s) a few \$\$\$.
This is the ONLY way that software will be supported.

>Other option is to change to a better supported package..

Same problem... No \$\$, no support.

>While I agree that some Docs that are sent with programs are a little thin on
>information , this is where your ability as an amateur should show through ..

Sadly, most people aren't software engineers and/or systems analysts. The
only way I was able to get several of the PBBS/NOS programs to work anywhere
near correctly was to disassemble the code and reverse engineer it. I doubt
that more than 1 out of every 100 or so Hams could do that.

>There are various SIGs now for most packet software on Internet and in the
>Packet BBS system that you can join to advise authors of an error and if you
>have a Valid complaint sit down with a pen and paper and send the author a
>written letter advising him/her of the complaint and 50 bucks to cover the
>agro , I am sure it will get attended to after the banking is done..

Exactly!

>No I am not a writer of software just a supporter of those that give their
>valuable time to supply us hard done by poorly paid BBS Sysops software to
>play with and destroy . :-)

I am a programmer. Have been for about 30 years now. Things have not
changed. Simply put, if you don't pay for the software, go away.

>How a complaint is dealt with: :-)

>	
>1/ Complaints by anonymous phone call ,	Nothing done
>2/ By anonymous letter	Nothing done
>3/ By visiting the person	Get to it in 2 weeks ?
>4/ By hand written letter with 50 dollars **	Next week maybe
>5/ By hand written letter with 200 dollars **	Tomorrow
>6/ Personal visit with 200 dollars CASH	While you wait :-)
>	
> ** Personal Cheques after bank clearance add 7 days	

Again, Exactly!

>73 Phillip ZL2TZE

>--

>Phillip Conza

>AX25

>E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

Lastly, take a look at what this thread is REALLY all about... It is not about what software is good and what is bad, nor is it about which authors are worth anything and which are not. And it is not about why you should use the "Jumpin' Joe's Super-Duper PBBS" program...

What this thread IS about came be summed up in three ways:

(1) If you use Freeware, you have no right to expect or demand ANY support at all.

(2) If you use Shareware and you DO NOT register/pay for the program, you are: (A) Stealing (see the law, folks) and (B) You have no right to expect or demand ANY support at all.

(3) If you are too cheap/lazy to actually pay for something decent, then perhaps you should re-evaluate your choice to run a PBBS.

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

HIS... An Internet Link Exchange Member!
<http://www.trucom.com/ppages/marty>

120. Re: [BBSSIG:3392] Re: Marty Albert (fwd)

From: Dean R Madsen <dmadsen@iastate.edu>
Date: Thu, 19 Sep 1996 21:04:54 CDT
To: bbssig@tapr.org
Message-ID: <9609200204.AA27827@pv6f27.vincent.iastate.edu>
Rendered body type: text/plain

>>> It's true that all pbbs software I have used has been free or
>>>ShareWare. I paid John Paul f6fbb the \$20.00 he requested because his pbbs
>>>software does work as advertised and has a good manual if you read French,
>>>or a strange one if you read only English.
>
>Luckily, I can at least puzzle through the French manual (I run FBB here),
>but the English version is nothing less than confusing.
>

You will be pleased to hear that an attempt is being made to have the manual for the upcoming release of FBB7 edited by those who have English as their primary language.

73,
Dean - KE0WO

+ Dean R Madsen, KE0WO Computer Science Major +
+ Internet: dmadsen@iastate.edu Iowa State Univeristy +
+ ke0wo@iastate.edu Ames, Iowa +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA FBB Beta tester Cellist +
+ Secretary for the Tristate Amateur Packet Association +
+ Treasurer for the Cyclone Amateur Radio Club +

121. Re: [BBSSIG:3404] Re: Software Support

From: Ronald Oblinger <ronald@cyberstreet.com>
Date: Fri, 20 Sep 1996 00:02:57 -0400
To: bbssig@tapr.org
Message-ID: <2.2.32.19960920040257.0076ead8@mail.cyberstreet.com>
Rendered body type: text/plain

At 06:39 PM 9/19/96 -0500, you wrote:
>Just me again...

>

>At 04:37 PM 9/19/96 -0500, Phillip wrote:

>>Hi Guys

>> Over the last few days many a message has passed via the SIG about the
>>short falls of various Software and people, this is not really the Amateur
>>spirit..

>

>hmmm... Are we reading the same group? I have seen, other than Karl's

>original posting, no software names mentioned in a bad light. Just a few


```

>facts pointed out.
>
>>I feel this not doing HAM Radio or this SIG any justice what so ever..
>>
>>These People that produce software for us to use do so for AMATEUR RADIO
>>and need commending for that..
>
>And they have been... I will, however, say it again. All of the various
>authors have produced software that is at least usable.
>
>>Author bashing is a FAST way to see the demise of these programs and then
>>what will we all use " FLAGS "..
>
>Again, what group have you been reading? No authors have been bashed.
>
>>Many an author would like to charge you and I 100s of dollars but would you
>>rush out and purchase it, I don't think so ..
>
>The sad fact is, you get what you pay for, especially in terms of support.
>There are MANY good freeware and fully functional Shareware programs out
>there (not only for Ham Radio), but few, if any, have any support at all.
>
>>Who wants another round like the Packet Cluster guys got a while ago, NOT me
>>I don't want to pay 100s of dollars then have the author go of and produce
>>commercial software and not support the package I purchased..
>
>I guess you feel the same way about all software? That is the impression
>that you give, Phillip. Does this mean that won't pay for, say, Windows 95
>becasue Micro-Soft will soon be coming out with Windows 96? If so, just
>where did you get your copy of Windows 95?
>
>>If this type of thing carries on it won't be long before we will all have to
>>register with an author before he will part with his software..
>
>And what's your point? You want something for nothing?
>
>>Some authors ask for a donation of a few dollars to help out, how many of you
>>that appear to be on a Author Hunt have made these donations ?..
>
>Over the years, I have probably paid out well over $5,000 USD for shareware.
>
>>It might be time for those that use this" poorly supported software" to let
>>the moths out of their back pockets and send a donation or two ,this may
>>help..
>
>Finally, something that makes sense... Yes, send the author(s) a few $$$..
>This is the _ONLY_ way that software will be supported.
>
>>Other option is to change to a better supported package..
>
>Same problem... No $$, no support.
>
>>While I agree that some Docs that are sent with programs are a little thin on
>>information , this is where your ability as an amateur should show through ..
>
>Sadly, most people aren't software engineers and/or systems analysts. The
>only way I was able to get several of the PBBS/NOS programs to work anywhere
>near correctly was to disassemble the code and reverse engineer it. I doubt
>that more than 1 out of every 100 or so Hams could do that.
>
>>There are various SIGs now for most packet software on Internet and in the
>>Packet BBS system that you can join to advise authors of an error and if you
>>have a Valid complaint sit down with a pen and paper and send the author a
>>written letter advising him/her of the complaint and 50 bucks to cover the
>>agro , I am sure it will get attended to after the banking is done..
>
>Exactly!
>
>>No I am not a writer of software just a supporter of those that give their
>>valuable time to supply us hard done by poorly paid BBS Sysops software to
>>play with and destroy .  :-)
>
>I am a programmer. Have been for about 30 years now. Things have not
>changed. Simply put, if you don't pay for the software, go away.
>
>>How a complaint is dealt with:  :-)
>>
>>1/ Complaints by annonymous phone call ,           Nothing done
>>2/ By annonymous letter                             Nothing done

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>>3/ By visiting the person          Get to it in 2 weeks ?
>>4/ By hand written letter with 50 dollars **      Next week maybe
>>5/ By hand written letter with 200 dollars **      Tomorrow
>>6/ Personal visit with 200 dollars CASH           While you wait :-)
>>
>>  ** Personal Cheques after bank clearance add 7 days
>
>Again, Exactly!
>
>>73 Phillip ZL2TZE
>>--
>>Phillip Conza
>>AX25          ZL2TZE @ ZL2TZE.#73.NZL.OC
>>E-Mail private      phil@zl2tze.mlb.planet.gen.nz
>
>
>Lastly, take a look at what this thread is _REALLY_ all about... It is not
>about what software is good and what is bad, nor is it about which authors
>are worth anything and which are not. And it is not about why you should use
>the "Jumpin' Joe's Super-Duper PBBS" program...
>
>What this thread _IS_ about came be summed up in three ways:
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>(1) If you use Freeware, you have no right to expect or demand ANY support
>at all.
>
>(2) If you use Shareware and you DO NOT register/pay for the program, you
>are: (A) Stealing (see the law, folks) and (B) You have no right to expect
>or demand ANY support at all.
>
>(3) If you are too cheap/lazy to actually pay for something decent, then
>perhaps you should re-evaluate your choice to run a PBBS.
>
>Take Care & 73
>
>Marty Albert - marty@trucom.com
>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM
>
>Heartland Internet Services
>
>*****
>HIS... An Internet Link Exchange Member!
>http://www.trucom.com/ppages/marty
>*****
>
>Marty - you're absolutely right. I quit!
73 cu Ron"KD4AMS"
ron

```

122. Re: [BBSSIG:3405] Re: Marty Albert (fwd)

```

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Fri, 20 Sep 1996 06:42:39 -0600
To: bbssig@tapr.org
Message-ID: <199609201242.GAA03755@acca.nmsu.edu>
Rendered body type: text/plain

```

At 09:14 PM 9/19/96 -0500, you wrote:

```

some deleted
>
>You will be pleased to hear that an attempt is being made to have the
>manual for the upcoming release of FBB7 edited by those who have English
>as their primary language.
>
>That will be great Dean. I see that Remi is using FBB version 7 to
>forward to me. Is there a source for information anywhere on version 7? I
>connected to f6cnb and the format of the version 7 looked a little like you
>can configure NOS.

```

Is version 7 in beta testing?

73, karl

```

>73,
>Dean - KE0WO
>
>+++++

```


Thank you, Russ (n5ejs) for the tip.

73, Chuck

125. Re: [BBSSIG:3063] Re: Motorola Mitrek

From: KB6ZVP@aol.com
Date: Fri, 20 Sep 1996 18:44:35 -0400
To: bbssig@tapr.org
Message-ID: <960920184434_482543520@emout15.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-09-05 08:23:26 EDT, you write:

<< Mark the reciver is too narrow for anything above 19.2 kbs. Of course you can modify the reciver to work with the higher rates. And I am using all my Mitrek radios and don't know where to get any more. They used to be available at the Flagstaff AZ hamfest by the hundred's but now you don't see one.
>>

Karl, may I assume that you have run the Mitrek units at least at 19.2 and it works.

I am trying to make a major purchasing decision, but so far I don't have enough info.

Thanks for the help,

Mark, kb6zvp@aol.com

126. IP forwarding with WinFBB

From: John Zantek <wx3k@gw.wx3k.ampr.org>
Date: Sat, 21 Sep 1996 02:05:24 GMT
To: bbssig@tapr.org
Message-ID: <199609210205.CAA08779@wx3k.ampr.org>
Rendered body type: text/plain

I'm test-running WinFBB 7.00 on my LAN, ethernet only, without BPQ. The host is pc.wx3k.ampr.org [44.8.2.34]. If anyone's interested in conducting some forwarding tests, IP-only, please drop me a line on this SIG or privately at wx3k@gw.wx3k.ampr.org.

I'll share the observed results of the testing with the SIG.

73 John

()
| | () () | | \ () | | | | /)
| | / / \ | | | | | | | | | | ()
| | () \ | | | | | | \) | | | | \)
(/ wx3k@gw.wx3k.ampr.org / zantek@acom.mil
http://wx3k.ampr.org/

127. Re: [BBSSIG:3410] Re: Motorola Mitrek

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 21 Sep 1996 06:28:20 -0600
To: bbssig@tapr.org
Message-ID: <199609211228.GAA10212@acca.nmsu.edu>
Rendered body type: text/plain

At 06:02 PM 9/20/96 -0500, you wrote:

>In a message dated 96-09-05 08:23:26 EDT, you write:

>

>>< Mark the reciver is too narrow for anything above 19.2 kbs. Of course you can modify the reciver to work with the higher rates. And I am > using all my Mitrek radios and don't know where to get any more. They used > to be available at the Flagstaff AZ hamfest by the hundred's but now you > don't see one.

> >>

>

> Karl, may I assume that you have run the Mitrek units at least at 19.2 and >it works.

No! I have only used them at 9600 baud. At this rate they run very well with a tx delay of 60 msec to boot.

karl k5di

>I am trying to make a major purchasing decision, but so far I don't have
>enough info.

>
> Thanks for the help,
>
> Mark, kb6zvp@aol.com
>
>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

128. Re: [BBSSIG:3409] Re: Looking for TNOS FAQ in DOS format

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 21 Sep 1996 06:34:30 -0600
To: bbssig@tapr.org
Message-ID: <199609211234.GAA10304@acca.nmsu.edu>
Rendered body type: text/plain

Chuck was looking for the method used to subscribe to the nos-bbs
Sig. I asked how to do it (I have long forgot) and got this response I will
share with everyone; and then save for my own use...:)

From: "James Imrick" <imrikfam@win.bright.net>
To: <nos-bbs@hydra.carleton.ca>
Subject: Re: subscribe
Message-ID: <199609200041.TAA27824@bucky.win.bright.net>

I hope this helps,

Subscription/deletion requests and other administrivia go to:

listproc@hydra.carleton.ca

To subscribe, send the line:

subscribe nos-bbs YourName YourCallsign [if any]

For example:

subscribe nos-bbs Homer Simpson IM1LID

73 de karl aka k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

129. Re: [BBSSIG:3411] IP forwarding with WinFBB

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 21 Sep 1996 10:32:55 -0600
To: bbssig@tapr.org
Message-ID: <199609211632.KAA14029@acca.nmsu.edu>
Rendered body type: text/plain

Hi John, I am running TNOS and do forward through the nmsuGW which
is the nearest Gateway. I know my node "lcbbs k5di" is propagated all over.
If you can reach me and I you we can have a go at it. I'm already forwarding
with Remi f6cnb who just put on WinFBB 7.00 I think.

At 09:22 PM 9/20/96 -0500, you wrote:

>I'm test-running WinFBB 7.00 on my LAN, ethernet only, without
>BPQ. The host is pc.wx3k.ampr.org [44.8.2.34]. If anyone's
>interested in conducting some forwarding tests, IP-only, please
>drop me a line on this SIG or privately at wx3k@gw.wx3k.ampr.org.

>
>I'll share the observed results of the testing with the SIG.

>
>73 John

>
>---

>
> ()
>
> | | () () | | _ \ (_ |) | | | | /)
>

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> | | / _/ / _ _ | | | | | | _ | _ | _ | _ (
> _ | | ( _ ) \ _ _ | | | | | | \ _ ) | _ _ ) | _ | \ )
> ( _/ wx3k@gw.wx3k.ampr.org / zantek@acom.mil
> http://wx3k.ampr.org/
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

```

130. Re: [BBSSIG:3414] Re: IP forwarding with WinFBB

From: John Zantek <wx3k@gw.wx3k.ampr.org>
Date: Sat, 21 Sep 1996 18:16:07 GMT
To: bbssig@tapr.org
Message-ID: <199609211816.SAA09652@wx3k.ampr.org>
Rendered body type: text/plain

At 11:51 AM 9/21/96 -0500, Karl F. Larsen wrote:
> Hi John, I am running TNOS and do forward through the nmsuGW which
> is the nearest Gateway. I know my node "lcbbs k5di" is propagated all over.
> If you can reach me and I you we can have a go at it. I'm already forwarding
> with Remi f6cnb who just put on WinFBB 7.00 I think.

Appreciate the offer, Karl. However, since you mention your "node",
I assume you're using conventional AX.25 forwarding. WinFBB, however,
can use either conventional AX.25, or, if scripted, can conduct a
telnet session.

Since I do *not* intend to load BPQ, there's no AX.25 connectivity to
my WinFBB. The only connection between my Gateway TNOS and
the WinFBB box is the ethernet and the IP stack running atop it.
I don't want to mess with any additional shims. The radios and the
Internet are all connected to the gateway, with none running to
the WinFBB box.

However, if you're forwarding from your TNOS, you can still script
me for forwarding and do it via IP. Just script your forward.bbs
file to 'connect = telnet pc.wx3k.ampr.org' and add the areas
to forward.

Part of this test is to see if/how we can get WinFBB fixed, as
mentioned earlier in the SIG by Dean/KE0WO.

73 John

```

( )
| | ( _ ) ( _ _ | | _ \ ( _ | ) | _ _ | | / )
| | / _/ / _ _ | | | | | | _ | _ | _ | _ (
> _ | | ( _ ) \ _ _ | | | | | | \ _ ) | _ _ ) | _ | \ )
( _/ wx3k@gw.wx3k.ampr.org / zantek@acom.mil
http://wx3k.ampr.org/

```

131. Re: [BBSSIG:3413] Re: Looking for TNOS FAQ in DOS format

From: rmackay@cycor.ca (Ron VE1AIC)
Date: Sat, 21 Sep 1996 16:53:58 -0300
To: bbssig@tapr.org
Message-ID: <199609211953.QAA22843@bud.peinet.pe.ca>
Rendered body type: text/plain

> Chuck was looking for the method used to subscribe to the nos-bbs
> Sig. I asked how to do it (I have long forgot) and got this response I will
> share with everyone; and then save for my own use...:)
>
>
> Subscription/deletion requests and other administrivia go to:
>
> listproc@hydra.carleton.ca
>
> To subscribe, send the line:
>

Yes Karl it's a good idea to save this info. Everytime I subscribe to a list
I get a message like that and save it in a Mailbox Folder called LISTS. That
way I can easily get the information I need to unsubscribe.

73 - Ron

132. Re: [BBSSIG:3415] Re: IP forwarding with WinFBB

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 21 Sep 1996 16:49:02 -0600
To: bbssig@tapr.org
Message-ID: <199609212249.QAA25159@acca.nmsu.edu>
Rendered body type: text/plain

At 01:31 PM 9/21/96 -0500, you wrote:
>At 11:51 AM 9/21/96 -0500, Karl F. Larsen wrote:
>> Hi John, I am running TNOS and do forward through the nmsuGW which
>>is the nearest Gateway. I know my node "lcbbs k5di" is propagated all over.
>>If you can reach me and I you we can have a go at it. I'm already forwarding
>>with Remi f6cnb who just put on WinFBB 7.00 I think.
>
>Appreciate the offer, Karl. However, since you mention your "node",
>I assume you're using conventional AX.25 forwarding. WinFBB, however,
>can use either conventional AX.25, or, if scripted, can conduct a
>telnet session.
>
>Since I do *not* intend to load BPQ, there's no AX.25 connectivity to
>my WinFBB. The only connection between my Gateway TNOS and
>the WinFBB box is the ethernet and the IP stack running atop it.
>I don't want to mess with any additional shims. The radios and the
>Internet are all connected to the gateway, with none running to
>the WinFBB box.
>
>However, if you're forwarding from your TNOS, you can still script
>me for forwarding and do it via IP. Just script your forward.bbs
>file to 'connect = telnet pc.wx3k.ampr.org' and add the areas
>to forward.
>

I tried to reach you John but the internet said it can not reach
your ip number. It says it's too far away. I don't understand your setup
either. I had no idea that FBB for windows had an ip server. So I am flying
blind. You can reach me from your gateway as k5di.ampr.org at 44.30.2.5
since the Gateway serves this subnet and encaps it properly. My Gateway
thinks your a new Gateway, by the way. Your not in encap.txt so please tell
me more.

73, karl

>Part of this test is to see if/how we can get WinFBB fixed, as
>mentioned earlier in the SIG by Dean/KE0W0.

>
>73 John
>
>----
>
> ()
>
> | | () () | | \ (|) | | | | /)
> | | / / / | | | | | | | | | | ()
> | | () \ | | | | | | \) | | | | \)
> (/ wx3k@gw.wx3k.ampr.org / zantek@acom.mil
> http://wx3k.ampr.org/
>
>
>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

133. Re: [BBSSIG:3416] Re: Looking for TNOS FAQ in DOS format

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 21 Sep 1996 16:51:28 -0600
To: bbssig@tapr.org
Message-ID: <199609212251.QAA25195@acca.nmsu.edu>
Rendered body type: text/plain

At 03:05 PM 9/21/96 -0500, you wrote:
>> Chuck was looking for the method used to subscribe to the nos-bbs
>>Sig. I asked how to do it (I have long forgot) and got this response I will
>>share with everyone; and then save for my own use...:)
>>
>>
>>Subscription/deletion requests and other administrivia go to:
>>
>>listproc@hydra.carleton.ca
>>
>>To subscribe, send the line:
>>
>>
>

>Yes Karl it's a good idea to save this info. Everytime I subscribe to a list
>I get a message like that and save it in a Mailbox Folder called LISTS. That
>way I can easily get the information I need to unsubscribe.
>73 - Ron
>
I do too Ron, and then I forget which list I put them in, or
reformat the disk, or ...:)

73, karl
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

134. re: [BBSSIG:3411] IP forwarding with WinFBB

From: PHallgar@sma.gov.au
Date: 23 SEP 96 11:05:15 EST
To: bbssig@tapr.org
Message-ID: <0000vfbnnjfl.0000uoyoemueu@sma.gov.au>
Rendered body type: text/plain

C=US/A=INTERNET/DDA=ID/bbssig(a)tapr.org Wrote:

|
| I'm test-running WinFBB 7.00 on my LAN, ethernet only,
| without
| BPQ. The host is pc.wx3k.ampr.org [44.8.2.34]. If
| anyone's
| interested in conducting some forwarding tests, IP-only,
| please
| drop me a line on this SIG or privately at
| wx3k@gw.wx3k.ampr.org.

I also run winfbb and would like to do some winfbb tcpip forwarding tests.

The hostname of my fbb is bbs.vk3bbs.ampr.org [44.136.83.7].

I will set you up once I get home tonight...

|
| I'll share the observed results of the testing with the
| SIG.

I have tried to setup forwarding from winfbb to tnos systems and cannot seem
to send the logon info via the V command.

|
| 73 John
|

----- Peter Hallgarten SMA -----
----- PHallgar@sma.gov.au Spectrum Management Agency -----
----- +61 3 9685 3519 An Australian Government Agency -----

135. Re: [BBSSIG:3417] Re: IP forwarding with WinFBB

From: George Salinas <saltair@hargray.com>
Date: Sun, 22 Sep 1996 23:41:07 -0400
To: bbssig@tapr.org
Message-ID: <324606D3.7560@hargray.com>
Rendered body type: text/plain

Karl F. Larsen wrote:

>
> At 01:31 PM 9/21/96 -0500, you wrote:
> >At 11:51 AM 9/21/96 -0500, Karl F. Larsen wrote:
> >> Hi John, I am running TNOS and do forward through the nmsuGW which
> >>is the nearest Gateway. I know my node "lcbbs k5di" is propagated all over.
> >>If you can reach me and I you we can have a go at it. I'm already forwarding
> >>with Remi f6cnb who just put on WinFBB 7.00 I think.
> >
> >Appreciate the offer, Karl. However, since you mention your "node",
> >I assume you're using conventional AX.25 forwarding. WinFBB, however,
> >can use either conventional AX.25, or, if scripted, can conduct a
> >telnet session.
> >
> >Since I do *not* intend to load BPQ, there's no AX.25 connectivity to
> >my WinFBB. The only connection between my Gateway TNOS and
> >the WinFBB box is the ethernet and the IP stack running atop it.
> >I don't want to mess with any additional shims. The radios and the
> >Internet are all connected to the gateway, with none running to

When I try using the V VK3BBS\$WPETERH\$W

The tnos system returns Username: Password: ____n

```
-----
----- Peter Hallgarten SMA -----
----- PHallgar@sma.gov.au Spectrum Management Agency -----
----- +61 3 9685 3519 An Australian Government Agency -----
-----
```

138. Re: [BBSSIG:3422] re: IP forwarding with WinFBB

From: John Zantek <wx3k@gw.wx3k.ampr.org>
Date: Mon, 23 Sep 1996 05:38:24 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199609231038.FAA12147@tapr.org>
Rendered body type: text/plain

At 02:30 AM 9/23/96 -0500, PHallgar@sma.gov.au wrote:
>| >I have tried to setup forwarding from winfbb to tnos
>| systems and cannot seem
>| >to send the logon info via the V command.
>|
>|
>| Don't feel bad, Peter. No one else has, either! ;-)
>
>When I try using the V VK3BBS\$WPETERH\$W
>
>The tnos system returns Username: Password: ____n
>

Exactly the same behavior I've experienced. I also tried having TNOS connect to the WinFBB, but WinFBB answered with echoes. The next step was to precede the login with a '.' (viz., .wx3k) to disable the echo; WinFBB then failed to transfer anything from Column 1 of its response, which left the session hanging.

I'd love to have the source code from the IP stack in WinFBB and get it fixed quickly!

```
  _
  | |
  | | ( ) ( ) | | \ ( ) | | | | / )
  | | / / \ | | | | \ | | | | \ (
  | | ( ) \ | | | | \ | | | | \ )
  | | / wx3k@gw.wx3k.ampr.org / zantek@acom.mil
  | | http://wx3k.ampr.org/
```

139. Re: [BBSSIG:3421] re: IP forwarding with WinFBB

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 23 Sep 1996 05:58:50 -0600
To: bbssig@tapr.org
Message-ID: <199609231158.FAA08768@acca.nmsu.edu>
Rendered body type: text/plain

At 01:35 AM 9/23/96 -0500, you wrote:
>At 08:15 PM 9/22/96 -0500, PHallgar@sma.gov.au wrote:
>>I have tried to setup forwarding from winfbb to tnos systems and cannot seem
>>to send the logon info via the V command.
>
>
>Don't feel bad, Peter. No one else has, either! ;-)
>
>73 John
>
>

Here is what I use on tnos:

```
[wx3k]
CONNECT telnet pc.wx3k.ampr.org
SCRIPT = {
SEND k5di
}
....
```

This works ok but when I get connected the FBB complains about the tnos signon sequence. It says something about expecting a string instead...wierd!

karl
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

140. Warning Pirate ALERT ACTION PLEASE !!!!!

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Date: Fri, 27 Sep 1996 17:02:28 +1200
To: blanchet@offratel.nc, psmith@mozart.convex.com, chas@grfn.org,
linknet@dk-online.dk, hardsoft@post4.tele.dk, pa3ezq@pi.net,
py1cyl@openlink.com.br, marcus@gcsnet.com.br, sm7dlz@mailbox.kdtnet.se,
f6fbb@flex.com.au, leeasher@gil.com.au, yl2gkb@linux.cs.dpu.lv,
idrage@es.co.nz, briane@iafrica.com, ta2em@ibm.net, eb4gin@telcom.es,
f1ioi@silicone.fr, piet-f@iafrica.com, morpheus@ncc.moc.kw,
sv1bkn@hol.gr, bdavoren@voyager.co.nz, vk7hil@southcom.com.au
Cc: bbssig@tapr.org, ians@igrin.co.nz
Message-ID: <324ca35f.zl2tze@zl2tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi Guys,
Please take immediate ACTION on the following :

9A4BP
J0KE
F1AKE
F2AKE
9A6KSM

These are PIRATE calls as they all come from EU and nearly all from the following BBS's ..

OE9XPI
9A0BBS
DB0MWS
DB0KCP

This Idiot using the above calls does so from the different BBSs listed he/she must have good access or uses HF ..

Please REJECT these calls etc..

The Bulletins are addressed to HUMOUR, DX ,ALL ,SOFTWARE

73 Phillip ZL2TZE

--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz

141. More Pirate Use

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Date: Sat, 28 Sep 1996 09:29:09 +1200
To: bbssig@tapr.org
Cc: ZL2TDQ@tapr.org
Message-ID: <324d8ad3.zl2tze@zl2tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,
Yesterday depending what time zone you are in I sent out a list of Bogus callsigns here they are again with 6 more and @ BBS

Bogus Callsigns VARIOUS BBS Used NOT IN ORDER as messages came from ALL

9A4BP	OE9XPI
J0KE	9A0BBS
F1AKE	DB0MWS
F2AKE	DB0KCP
9A6KSM	

New Bogus callsigns @ BBS

S52QM	DS5BOX
DH8DQ	DB0ZDF
S56LJP	S50MBR
DG8FAY	DB0TCP
9A3IM	S50BBS
S57BUM	S50BOX

Messages are sent @ WW to various Fields ALL, CQ CONTEST , SOFTWARE etc..

Now I did read that this was a Virus in the REMOTE operation of the REMOTE command in BAYCOM !!!

Strange that the same message is showing from many BBS in EU ..

I have put the Calls and the BBS's concerned in the Ever growing REJECT.SYS and if the BBS's listed needs to get mail to NZ they had better try and fix the problem as there BBS is in the BID REJECT which means NO mail will enter the BBS..

73 Phillip ZL2TZE--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz

142. Re: [BBSSIG:3426] More Pirate Use

From: Brian Jones <bajones@larkhill.win-uk.net>
Date: Sat, 28 Sep 1996 11:11:14
To: bbssig@tapr.org, bbssig@tapr.org
Cc: phil@zl2tze.mlb.planet.gen.nz
Message-ID: <194@larkhill.win-uk.net>
Rendered body type: text/plain

Greetings

>Hi,
> Yesterday depending what time zone you are in I sent out a list of Bogus
> callsigns here they are again with 6 more and @ BBS
>
> Bogus Callsigns VARIOUS BBS Used NOT IN ORDER as messages came from ALL
>
> 9A4BP OE9XPI
> J0KE 9A0BBS
> F1AKE DB0MWS
> F2AKE DB0KCP
> 9A6KSM
>
>New Bogus callsigns @ BBS
>
> S52QM DS5BOX
> DH8DQ DB0ZDF
> S56LJP S50MBR
> DG8FAY DB0TCP
> 9A3IM S50BBS
> S57BUM S50BOX
>
>
>Messages are sent @ WW to various Fields ALL, CQ CONTEST , SOFTWARE etc..
>
>Now I did read that this was a Virus in the REMOTE operation of the REMOTE
>command in BAYCOM !!!
>
>Strange that the same message is showing from many BBS in EU ..
>
>I have put the Calls and the BBS's concerned in the Ever growing REJECT.SYS
>and if the BBS's listed needs to get mail to NZ they had better try and fix
>the problem as there BBS is in the BID REJECT which means NO mail will enter
>the BBS..
>
>
>73 Phillip ZL2TZE--
>Phillip Conza
>AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
>E-Mail private phil@zl2tze.mlb.planet.gen.nz
>

The problem is not caused by a person getting access to many mailboxes, but one or two original messages being read by users with a program that then generates another message following the /echo commands given in the original!

Why the first message was not checked and deleted at the first mailbox is a point for some sysops to consider! Also users should protect themselves from allowing the automatic message generation, by disabling the /echo options.

=====
Brian Jones Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU bajones@larkhill.win-uk.net
=====

143. Re: [BBSSIG:3427] Re: More Pirate Use

From: N5RKN@aol.com
Date: Sat, 28 Sep 1996 13:09:15 -0400
To: bbssig@tapr.org
Message-ID: <960928130914_532167679@emout14.mail.aol.com>
Rendered body type: text/plain

I'm just about to the point to reject All msgs to WW and from Europe. I hope it doesn't come to this, but there has been 75 - 85% more illegal msgs coming from Europe than have ever been generated in the US. Jeez.
Robert

144. Re: [BBSSIG:3428] Re: More Pirate Use

From: Jay <jay@pcisys.net>
Date: Sat, 28 Sep 1996 13:42:37 -0600 (MDT)
To: bbssig@tapr.org
Message-ID: <199609281942.NAA12522@jerry.pcisys.net>
Rendered body type: text/plain

At 12:10 PM 9/28/96 -0500, you wrote:
>I'm just about to the point to reject All msgs to WW and from Europe. I hope
>it doesn't come to this, but there has been 75 - 85% more illegal msgs
>coming from Europe than have ever been generated in the US. Jeez.
> Robert
>
>
What type of pirate use?

Not a pirate... Just curious....

Jay..

145. Re: More Pirate Use

From: aa7ya@juno.com
Date: Sun, 29 Sep 1996 01:24:34 EDT
To: bbssig@tapr.org
Message-ID: <19960928.232230.5343.0.aa7ya@juno.com>
Rendered body type: text/plain

On Sat, 28 Sep 1996 05:14:08 -0500 (CDT) Brian Jones
<bajones@larkhill.win-uk.net> writes:
>Greetings
>
>>Hi,
>> Yesterday depending what time zone you are in I sent out a list of
>> Bogus callsigns here they are again with 6 more and @ BBS

SNIP

>> Messages are sent @ WW to various Fields ALL, CQ CONTEST ,
>> SOFTWARE etc..

I have been running a BBS for sometime, and I have also been using an HF port... ever since I started using a BBS, I have rejected any and all @WW messages from day one. Most of the WW stuff is garbage anyway, and usually comes from EU.

>> 73 Phillip ZL2TZE--
>> Phillip Conza
>> AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
>> E-Mail private phil@zl2tze.mlb.planet.gen.nz
>>
>
> The problem is not caused by a person getting access to many
> mailboxes, but one or two original messages being read by users
> with a program that then generates another message following the
> /echo commands given in the original!

Ever hear of HF or perhaps, Internet Gateway's. <grin>

> Why the first message was not checked and deleted at the first
> mailbox is a point for some sysops to consider! Also users should
> protect themselves from allowing the automatic message generation,
> by disabling the /echo options.

Make it easy and just reject any and all EU messages.

Stacey, aa7ya@juno.com

146. Re: [BBSSIG:3430] Re: Pirate Use

From: "Rodney G. Fowler" <k2adj@mosquito.com>
Date: Sun, 29 Sep 1996 14:00:31 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199609291800.OAA18752@itchy.mosquito.com>
Rendered body type: text/plain

I have been reading the entries about the Pirate Use of the @WW mailings and have several comments to those that have made comments.. First, many of the @WW bulletins and even those from EU contain usefull information, 99% of all @WW bulletins fly through my BBS with NO hinderance..

Now, with regards to the "fake calls", after being alerted by this SIG I started looking for them and when I read each one of them, one item stood out and that was the word "echo" placed at the tail of the message, then further submissions to this SIG said that the "echo" is used on some systems to generate a distribution of some sort. Well Folks, I run MSYS here on my computator and have added the word "echo" to the WORDLIST.1 file, this is the file that contains all those little 4-letter words we are not suppose to use over the air, so now every time the system sees the word echo in the test of a message it is placed on HOLD FOR SYSOP REVIEW.. This way, I can read the message and if it is indeed a valid message, it will be RELEASED, otherwise, bye bye.

I am sure other BBS programs check for text violations and just adding the word "echo" to that list will stop the spread of those illegal bulletins.

73 de Rod

147. Re: [BBSSIG:3428] Re: More Pirate Use

From: ted sloan <ei71@dial.pipex.com>
Date: Sun, 29 Sep 1996 19:30:29 +0000
To: bbssig@tapr.org
Message-ID: <199609291825.TAA25138@typhoon.dial.pipex.net>
Rendered body type: text/plain

At 12:10 pm 28/09/96 -0500, you wrote:

>I'm just about to the point to reject All msgs to WW and from Europe. I hope
>it doesn't come to this, but there has been 75 - 85% more illegal msgs
>coming from Europe than have ever been generated in the US. Jeez.
> Robert
>

Hello Robert. I was surprised to read about all those illegal messages originating in Europe. Briefly, can you tell me a little of their content? The only messages I hold here for review are locally entered bulletins. I understand that the importing Sysop in England scans his European messages before he releases them on the British Network.
73 Ted GI4AHP Sysop GB7TED
ted sloan

148. WINFBB HELP

From: Thomas I Mathewson <tommath@norwich.net>
Date: Sun, 29 Sep 1996 14:27:22 -0700
To: bbssig@tapr.org
Message-ID: <324EE9BA.4B47@norwich.net>
Rendered body type: text/plain

Hi All;

I am trying to get wWINFBB up and limping, but I am having some problems. I have edited the INIT.SRV file, to the best of my knowledge, correctly. When I run the configure program it tells me that I have an error in the last line of the file. This is a remark line, with just a # char. Any ideas what I am doing wrong?

Also can anyone help me set up my forward files? I am currently running AA4RE v2.1R. These forward files in F6FBB are a whole new ballgame for me.

149. Re: [BBSSIG:3432] Re: More Pirate Use

From: Richard Choy <rixyc@crosslink.net>
 Date: Sun, 29 Sep 1996 16:51:49 -0400
 To: bbssig@tapr.org
 Message-ID: <324EE165.5BE8@crosslink.net>
 Rendered body type: text/plain

ted sloan wrote:
 >
 > At 12:10 pm 28/09/96 -0500, you wrote:
 > >I'm just about to the point to reject All msgs to WW and from Europe. I hope
 > >it doesn't come to this, but there has been 75 - 85% more illegal msgs
 > >coming from Europe than have ever been generated in the US. Jeez.
 > > Robert
 > >
 >
 > Hello Robert. I was surprised to read about all those illegal messages
 > originating in Europe. Briefly, can you tell me a little of their content?
 > The only messages I hold here for review are locally entered bulletins. I
 > understand that the importing Sysop in England scans his European messages
 > before he releases them on the British Network.
 > 73 Ted GI4AHP Sysop GB7TED
 > ted sloanTed...FYI...This is what propagated to Winchester, VA...look at the path!
 73 - Rick
 N3HXT@N3HXT.VA.US.NOAM
 [Attachment: BLONDE; text/plain; 37,866 bytes]

150. Re: Pirate Use

From: aa7ya@juno.com
 Date: Sun, 29 Sep 1996 21:29:21 EDT
 To: bbssig@tapr.org
 Cc: k2adj@mosquito.com
 Message-ID: <19960929.192423.5351.1.aa7ya@juno.com>
 Rendered body type: text/plain

On Sun, 29 Sep 1996 13:03:39 -0500 (CDT) "Rodney G. Fowler"
 <k2adj@mosquito.com> writes:

>I have been reading the entries about the Pirate Use of the @WW
 >mailings and have several comments to those that have made comments..
 First, >many of the @WW bulletins and even those from EU contain usefull
 >information, 99% of all @WW bulletins fly through my BBS with NO
 hinderance..

So I take it you didn't read the message, to the SIG, from the Sysop
 who was told by another member of the SIG, who both will remain
 nameless, printed the messages that shed doubt among those in
 EU. It contained, what I surmised even before reading the message,
 and earlier I referred to the majority of mail coming from EU as
 garbage?

So I take it you must enjoy dumb blonde jokes, with sexual connotations
 within each, and therefore let the messages fly through your BBS with
 no hinderance?

>
 >Now, with regards to the "fake calls", after being alerted by this SIG
 >I started looking for them and when I read each one of them, one item
 >stood out and that was the word "echo" placed at the tail of the
 message,
 >then further submissions to this SIG said that the "echo" is used on
 some
 >systems to generate a distribution of some sort. Well Folks, I run MSYS
 here
 >on my camputator and have added the word "echo" to the WORDLIST.1 file,
 this
 >is the file that contains all those little 4-letter words we are not
 >suppose to use over the air, so now every time the system sees the word
 echo in
 >the test of a message it is placed on HOLD FOR SYSOP REVIEW.. This way,
 I
 >can read the message and if it is indeed a valid message, it will be
 >RELEASED, otherwise, bye bye.

I can say the word "echo" over the air, like "Your signal has a distinct
 'echo', so
 I assume you have your beam pointed away from me."

"Echo" is not a _bad_ 4-letter word.

>I am sure other BBS programs check for text violations and just adding
>the word "echo" to that list will stop the spread of those illegal
>bulletins.

Oh, so if the message had sexual content that would be demeaning to females, and didn't have the word "echo", will you be around to check those messages before they fly through your BBS without hinderance?

>73 de Rod

Stacey, AA7YA
aa7ya@juno.com
AA7YA @ AA7YA.#NEMT.MT.USA.NOAM

151. Re: More Pirate Use

From: wgun@juno.com (Walter Gunstrom III)
Date: Mon, 30 Sep 1996 02:45:26 PST
To: bbssig@tapr.org
Message-ID: <19960930.024544.5231.0.wgun@juno.com>
Rendered body type: text/plain

I have a question. How does trash like that pass through this many bbs's without being intercepted??? I count 19 bbs's in Europe and 7 in the US. There seems to be a problem when it comes to intercepting messages with inappropriate and illegal content. Perhaps we should do away with messages

to @WW or @ALLUS Most of them just sit there unread anyway...

Just a thought....

73's de Walter kb8poa...
aa.kb8poa.ampr.org [44.102.56.30]

SB HUMOR @ WW < 9A4BP \$L969A0BBS007
The Complete Set Of Blonde jokes part
R:960921/1642Z @:N8Y1B.#NEWV.WV.USA.NOAM #:40802 [Keyser] \$:L969A0BBS007
R:960921/1529Z @:WA31OU.#SWPA.PA.USA.NOAM #:57416 [ELIZABETH, PA]
FBB5.15c
R:960921/1429Z @:W30C.#SWPA.PA.USA.NOAM #:6938 [W.Mifflin] \$:L969A0BBS007
R:960921/1436Z @:K3MJW.#SWPA.PA.USA.NOAM #:62249 [FN00DM] \$:L969A0BBS007
R:960921/1321z 55488@KD3AI.#SWPA.PA.USA.NOAM \$:L969A0BBS007
R:960921/1412Z @:W3IXR.#SWPA.PA.USA.NOAM #:5859 [PGH] \$:L969A0BBS007
R:960921/1252Z @:F6CNB.#SETX.TX.USA.NOAM #:8984 [SUGARLAND] FBB7.00a
R:960921/1246Z @:ON6AR.#AN.BEL.EU #:9666 [Antwerpen] FBB5.15c
\$:L969A0BBS007
R:960921/1330Z @:ON1AE0.#BT.BEL.EU #:32801 [Schaffen] FBB5.15c
\$:L969A0BBS007
R:960921/1422Z @:ON4AIC.#LIM.BEL.EU #:4271 [Hasselt] FBB5.15c
\$:L969A0BBS007
R:960921/1209z @:ON5VL.#LG.BEL.EU [LIEGE TheBox ON5NI] \$:L969A0BBS007
R:960921/1208z @:LX0PAC.LUX.EU
R:960921/1204z @:DB0GE.#SAR.DEU.EU [Mailbox Saarbruecken] \$:L969A0BBS007
R:960921/1158z @:DB0PSC.#RPL.DEU.EU [Pirmasens, JN39TE, TheBox]
\$:L969A0BBS007
R:960921/1201z @F6KFG.FCAL.FRA.EU [F6KFG, STRASBOURG, TheBox 1.9b]
R:960921/1159z @:DB0CZ.#BW.DEU.EU [Brigachthal,JN48FA] DP4.17 \$:L969A0BBS007
R:960921/1157z @HB9EAS.CHE.EU [The Basel Area BBS]
R:960921/1156z @:HB90S.CHE.EU [DRC Ost-Schweiz] \$:L969A0BBS007
R:960921/1151z @:DB0KFB.#BAY.DEU.EU
R:960921/1249z @:DB0AHO.#BAY.DEU.EU
R:960921/1157z @:DB0AAB.#BAY.DEU.EU
R:960921/1155z @:DB0PV.#BAY.DEU.EU
R:960921/1205z @:DB0WGS.#BAY.DEU.EU
R:960921/1154z @:OE3XBS.AUT.EU
R:960921/1140z @:S50BOX.SVN.EU
R:960921/1236z @:9A0BBS.HRV.EU [BayCom-Mailbox] BCM1.37b

152. MFJ1270C+KISS EPROM?

From: Cliff Frescura K3LL <cliff@viper.nauticom.net>
Date: Mon, 30 Sep 1996 14:26:07 -0400 (EDT)
To: TAPR BBS SIG List <bbssig@tapr.org>
Message-ID: <Pine.OSF.3.91.960930142531.2816B-100000@viper.nauticom.net>

Rendered body type: text/plain

Hi,

Anyone know if the TAPR KISS EPROM works with the MFJ1270C?

Any Gotchas?

Running BPQ 4.08A and AK1A PacketCluster. Getting tired of TNCs falling out of KISS mode.

Thanks,

Cliff K3LL

153. Re: [BBSSIG:3433] WINFBB HELP

From: "Dean R. Madsen KE0WO" <dmdadsen@iastate.edu>
Date: Mon, 30 Sep 1996 16:21:52 -0500
To: bbssig@tapr.org
Message-ID: <2.2.32.19960930212152.0069cc54@pop-1.iastate.edu>
Rendered body type: text/plain

At 01:43 PM 9/29/96 -0500, you wrote:

>Hi All;
>I am trying to get wWINFBB up and limping, but I am having some problems.
>I have edited the INIT.SRV file, to the best of my knowledge, correctly.
>When I run the configure program it tells me that I have an error in the
>last line of the file. This is a remark line, with just a # char. Any
>ideas what I am doing wrong?

It is less error prone to use the configure program directly on the INIT.SRV that came with WinFBB. Most likely it will be easier to start over than find the problem.

>Also can anyone help me set up my forward files? I am currently running >AA4RE v2.1R. Thes forward files in F6FBB are a whole new ballgame for me.

I spammed this list a couple times this past spring with FBB forward file info. Unfortunately I didn't save a copy of what I sent out or it was lost in my hard disk crash a few weeks ago... Maybe someone on the list would still have a copy?

FYI, there is/was a mailing list for FBB users: f6fbb-list@phx-az.com (I think you put the word subscribe in the subject field or text of the message to join).

If you have questions and no one else volunteers to help, feel free to direct them my way and I will make time to reply and try to help...

73,
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO                      Computer Science Major      +
+ Internet: dmdadsen@iastate.edu             Iowa State Univeristy      +
+      ke0wo@iastate.edu                     Ames, Iowa                +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA        FBB Beta tester          Cellist +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                     +
+++++
```

154. Re: [BBSSIG:3437] MFJ1270C+KISS EPROM?

From: Travis W Burton - KB5ILY <tburton@wolfdenswsc.k12.ar.us>
Date: Mon, 30 Sep 1996 16:36:47 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <Pine.LNX.3.93.960930163520.702A-100000@wolfdenswsc.k12.ar.us>
Rendered body type: text/plain

Cliff, No problems noted here. Seems to work fine.
On Mon, 30 Sep 1996, Cliff Frescura K3LL wrote:

> Hi,
>
> Anyone know if the TAPR KISS EPROM works with the MFJ1270C?
>
> Any Gotchas?
>

> Running BPQ 4.08A and AK1A PacketCluster. Getting tired of TNCs falling
> out of KISS mode.
>
> Thanks,
>
> Cliff K3LL

--

73 De Travis W. Burton, KB5ILY / Prescott AR 71857-2505
Assistant Administrator, Wolf Den Project
Amateur Packet Radio: KB5ILY @ KB5ILY.SWAR.AR.USA.NOAM
Internet: mailto:tburton@wolfdenswsc.k12.ar.us
WWW: http://wolfdenswsc.k12.ar.us/~tburton/
GOD BLESS THE UNITED STATES of AMERICA

Only he who Attempts the Ridiculous can Achieve the Impossible. (WILL HENRY)

155. Re: [BBSSIG:3437] MFJ1270C+KISS EPROM?

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Date: Tue, 1 Oct 1996 09:05:37 +1200
To: bbssig@tapr.org
Message-ID: <32517b71.zl2tze@zl2tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

I have such a TNC MFJ1270c and it runs faultlessly in KISS mode and has
done so with the standard Eprom fitted since new..

TNC is running on my 6 Port BBS with BPQ 4.08a @ 2400 baud and has never
caused any problems..

What are you using to SET KISS ????

To answer your Question
YES it will run ALL TAPR-2 firmware..

Check your PC - TNC cable for a fault ..

73 Phillip ZL2TZE

> Hi,
>
> Anyone know if the TAPR KISS EPROM works with the MFJ1270C?
>
> Any Gotchas?
>
> Running BPQ 4.08A and AK1A PacketCluster. Getting tired of TNCs falling
> out of KISS mode.
>
> Thanks,
>
> Cliff K3LL
>
>
>
> --

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

156. Re: [BBSSIG:3437] MFJ1270C+KISS EPROM?

From: TRAVIS@csius.com (G. Travis Roberts)
Date: Mon, 30 Sep 1996 16:10:44 +0000
To: bbssig@tapr.org
Message-ID: <199609302311.SAA07463@mail.xnet.com>
Rendered body type: text/plain

> Date: Mon, 30 Sep 1996 13:49:45 -0500 (CDT)
> Reply-to: bbssig@tapr.org
> From: Cliff Frescura K3LL <cliff@viper.nauticom.net>
> To: bbssig@tapr.org
> Subject: [BBSSIG:3437] MFJ1270C+KISS EPROM?

> Hi,
>
> Anyone know if the TAPR KISS EPROM works with the MFJ1270C?
>
> Any Gotchas?
>

> Running BPQ 4.08A and AK1A PacketCluster. Getting tired of TNCs falling
> out of KISS mode.
>
> Thanks,
>
> Cliff K3LL
>
>
>
>
>

Try using the Prom that came with BPQ. (BPQKISS) I had the same
problem with the same equipment and this solved the problem well.

G. Travis Roberts, KC7HHK
MIS Hardware Specialist
Campbell Scientific, Inc.
815 West 1800 North
Logan, Utah 84321-1784
www.campbellsci.com
E-Mail: travis@csius.com
Telephone: (801) 750-9583
Fax: (801) 750-9579

October 1996

Original source file: bbssig.9610

Source: http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9610

1. Re: [BBSSIG:3437] MFJ1270C+KISS EPROM?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 1 Oct 1996 09:02:29 -0600
To: bbssig@tapr.org
Message-ID: <199610011502.JAA20043@acca.nmsu.edu>
Rendered body type: text/plain

Of course it does! The MFJ tnc's are exact copies of the tnc-2 so that e-prom will do the trick. But I prefer the e-prom written by G8BPQ much more. It has better default settings and more buffering on in and out. You can also make e-proms with addresses and have 2 or more tnc's on each com port!
karl

At 01:49 PM 9/30/96 -0500, you wrote:

>Hi,
>
>Anyone know if the TAPR KISS EPROM works with the MFJ1270C?
>
>Any Gotchas?
>
>Running BPQ 4.08A and AK1A PacketCluster. Getting tired of TNCs falling
>out of KISS mode.
>
>Thanks,
>
>Cliff K3LL
>
>
>
>
>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

2. MFJ1276 and Winlink for Pactor

From: "Brian Ellse - ZR5DTS" <briane@iafrica.com>
Date: Tue, 1 Oct 1996 17:29:15 +2
To: bbssig@tapr.org
Message-ID: <m0v86l4-000Az2C@goofy.iafrica.com>
Rendered body type: text/plain

Hi All,

Can anyone tell if the MFJ1276 TNC2 clone can be made to run succesfully with Winlink V1.32 in Pactor mode.

The TNC switches into Pactor mode easy enough, but Winlink seems to want an AEA type Pactor EPROM.

Any suggestions/fixes will be appreciated.

--
Best Regards

Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
E-Mail: briane@iafrica.com Tel xx27-31-861581
Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581
O.H.M Projects CC
P.O Box 471
Westville
3630
South Africa

3. Re: [BBSSIG:3443] MFJ1276 and Winlink for Pactor

From: "Patrick R. McKeeby" <n0zo@unix.cde.com>
Date: Tue, 01 Oct 1996 15:37:08 -0400
To: bbssig@tapr.org
Message-ID: <1.5.4.16.19961001193708.38171a26@unix.cde.com>
Rendered body type: text/plain

At 10:41 AM 10/1/96 -0500, you wrote:

>Hi All,
>

>Can anyone tell if the MFJ1276 TNC2 clone can be made to run succesfully with
>Winlink V1.32 in Pactor mode.
>
>The TNC switches into Pactor mode easy enough, but Winlink seems to want an
AEA
>type Pactor EPROM.
>
>Any suggestions/fixes will be appreciated.
>
>--
>Best Regards
>
>Brian Ellse WWW Home Page: <http://goofy.iafrica.com/~briane>
>E-Mail: briane@iafrica.com Tel xx27-31-861581
>Packet: zr5dts@zs0wte.kzn.zaf.af Fax xx27-31-861581
>O.H.M Projects CC
>P.O Box 471
>Westville
>3630
>South Africa
>
>
>
WinLink was written for the PK232 for the pactor port. I have used
an MFJ-1270b for the PACKET port.

Regards - Pat, N0Z0

4. TNOS pbbs sysops

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 1 Oct 1996 15:34:02 -0600
To: bbssig@tapr.org
Message-ID: <199610012134.PAA01637@acca.nmsu.edu>
Rendered body type: text/plain

I'm writing up some files with the .tut extention for the tnos
Information Servers. These are the servers you access by typing info or
tutor when logged onto a tnos bbs.

I have just finished the one that documents the computer and version
of TNOS and some over view looks at the software. I'm about to launch into
the tutorial part of the server, and am wondering if anyone has done one of
those? I would like to communicate with as many of you there are interested
in this, and share ideas.

We can send each other work either as an e-mail or as an attached
file if your server supports that (I know that juno.com does not). Anyone
out there interested?

karl aka k5di
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

5. Re: [BBSSIG:3445] TNOS pbbs sysops

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Tue, 01 Oct 1996 16:44:07 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961002004407.0067cf64@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 04:36 PM 10/1/96 -0500, you wrote:

> I'm writing up some files with the .tut extention for the tnos
>Information Servers. These are the servers you access by typing info or
>tutor when logged onto a tnos bbs.
>

> I have just finished the one that documents the computer and version
>of TNOS and some over view looks at the software. I'm about to launch into
>the tutorial part of the server, and am wondering if anyone has done one of
>those? I would like to communicate with as many of you there are interested
>in this, and share ideas.
>

> We can send each other work either as an e-mail or as an attached
>file if your server supports that (I know that juno.com does not). Anyone
>out there interested?

How about posting them via packet, so that those who run tnos
and are NOT connected to the internet can get them. Yes, these
folks exist out there in radio land ...

6. Re: [BBSSIG:3445] TNOS pbbs sysops

From: aa7ya@juno.com
Date: Wed, 02 Oct 1996 00:33:15 EDT
To: bbssig@tapr.org
Message-ID: <19961001.221512.5167.0.aa7ya@juno.com>
Rendered body type: text/plain

On Tue, 1 Oct 1996 16:36:51 UTC "Karl F. Larsen" <k5di@acca.nmsu.edu> writes:

> I'm writing up some files with the .tut extention for the tnos
>Information Servers. These are the servers you access by typing info
>or tutor when logged onto a tnos bbs.
>
> I have just finished the one that documents the computer and
>version of TNOS and some over view looks at the software. I'm about to
launch
>into the tutorial part of the server, and am wondering if anyone has
done
>one of those? I would like to communicate with as many of you there are
>interested in this, and share ideas.
>
> We can send each other work either as an e-mail or as an
>attached file if your server supports that (I know that juno.com does
not).
>Anyone out there interested?

Juno supports attached file transfer, you should know that, since
I have seen you using a '@juno.com' E-Mail address as of
late, and your version of the JUNO software is as new as mine.
Check your facts before you jump to conclusions.

Stacey.
AA7YA@AA7YA.#NEMT.MT.USA.NOAM
aa7ya@aa7ya.ampr.org
aa7ya@juno.com

7. DRSI PCPA 2 Wanted

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>
Date: Wed, 2 Oct 1996 21:46:12 +1200
To: bbssig@tapr.org
Message-ID: <32537d68.zl2tze@zl2tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

I am wanting a DRSI PCPA Type 2 card..

If you have one that is no longer required in working condition
please let me know ..

73 Phillip ZL2TZE
--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz

8. Re: [BBSSIG:3446] Re: TNOS pbbs sysops

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 2 Oct 1996 05:57:17 -0600
To: bbssig@tapr.org
Message-ID: <199610021157.FAA21800@acca.nmsu.edu>
Rendered body type: text/plain

I sure can do that Hank. And will do so. It is a plain ascii file
that lends itself to easy transfer either over radio packet or the internet.

At 06:45 PM 10/1/96 -0500, you wrote:
>At 04:36 PM 10/1/96 -0500, you wrote:
>> I'm writing up some files with the .tut extention for the tnos
>>Information Servers. These are the servers you access by typing info or
>>tutor when logged onto a tnos bbs.
>>
>> I have just finished the one that documents the computer and version

>>of TNOS and some over view looks at the software. I'm about to launch into
>>the tutorial part of the server, and am wondering if anyone has done one of
>>those? I would like to communicate with as many of you there are interested
>>in this, and share ideas.
>>
>> We can send each other work either as an e-mail or as an attached
>>file if your server supports that (I know that juno.com does not). Anyone
>>out there interested?
>
>How about posting them via packet, so that those who run tnos
>and are NOT connected to the internet can get them. Yes, these
>folks exist out there in radio land ...
>
>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

9. Re: [BBSSIG:3447] Re: TNOS pbbs sysops

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 2 Oct 1996 05:57:20 -0600
To: bbssig@tapr.org
Message-ID: <199610021157.FAA21804@acca.nmsu.edu>
Rendered body type: text/plain

I tried to send a small file from this account as a file attach to my juno.com account and it did not work. I may well have made an error in this but I do a LOT of file attaching of bbs files and do know how it's done.

So before I appologise for mis-information I will check it out again. Then let you know...

At 01:03 AM 10/2/96 -0500, you wrote:
>On Tue, 1 Oct 1996 16:36:51 UTC "Karl F. Larsen" <k5di@acca.nmsu.edu>
>writes:
>
>> I'm writing up some files with the .tut extention for the tnos
>>Information Servers. These are the servers you access by typing info
>>or tutor when logged onto a tnos bbs.
>>
>> I have just finished the one that documents the computer and
>>version of TNOS and some over view looks at the software. I'm about to
>launch
>>into the tutorial part of the server, and am wondering if anyone has
>done
>>one of those? I would like to communicate with as many of you there are
>>interested in this, and share ideas.
>>
>> We can send each other work either as an e-mail or as an
>>attached file if your server supports that (I know that juno.com does
>not).
>>Anyone out there interested?
>
>Juno supports attached file transfer, you should know that, since
>I have seen you using a '@juno.com' E-Mail address as of
>late, and your version of the JUNO software is as new as mine.
>Check your facts before you jump to conclusions.
>
>Stacey,
>AA7YA@AA7YA.#NEMT.MT.USA.NOAM
>aa7ya@aa7ya.ampr.org
>aa7ya@juno.com
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

10. Juno accepts file attaches

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 2 Oct 1996 06:22:52 -0600
To: bbssig@tapr.org
Message-ID: <199610021222.GAA22203@acca.nmsu.edu>
Rendered body type: text/plain

To those who believe juno.com will accept file attaches I refer you to the Mailer Daemon message I got back when I tried to file attach a large file.

It says Juno will accept nothing larger than 61,440 bytes!!!
So I say again, those using Juno should send there .tut files as a message and not as a file attach.

karl

```
>Return-Path: <Mailer-Daemon>
>Date: Wed, 2 Oct 1996 08:11:06 -0400
>From: Mail Delivery Subsystem <postoffice@juno.com>
>Subject: Returned mail: Service unavailable
>To: <k5di@acca.nmsu.edu>
>
>The original message was received at Wed, 2 Oct 1996 08:11:01 -0400
>from x6.boston.juno.com [205.231.101.23]
>
> ----- Transcript of session follows -----
>552 k5di@x11.boston.juno.com.JUNO... Message is too large; 61440 bytes max
>554 k5di@x11.boston.juno.com.JUNO... Service unavailable
>
> ----- Message header follows -----
>Return-Path: k5di@acca.nmsu.edu
>Received: from x6.boston.juno.com (x6.boston.juno.com [205.231.101.23])
> by x11.boston.juno.com (8.6.13/8.7.Alpha.4/1.34.kim) with ESMTP id IAA12101
> for <k5di@x11.boston.juno.com>; Wed, 2 Oct 1996 08:11:01 -0400
>Received: from acca.nmsu.edu (root@acca.NMSU.Edu [128.123.3.58])
> by x6.boston.juno.com (8.6.13/8.7.Alpha.4/1.34.kim) with SMTP id IAA00131
> for <k5di@juno.com>; Wed, 2 Oct 1996 08:10:02 -0400
>Received: from analog-ts9-16.NMSU.Edu by acca.nmsu.edu (8.6.12/acca-1.0)
> id FAA21809; Wed, 2 Oct 1996 05:57:22 -0600
>Date: Wed, 2 Oct 1996 05:57:22 -0600
>Message-Id: <199610021157.FAA21809@acca.nmsu.edu>
>X-Sender: k5di@acca.nmsu.edu
>X-Mailer: Windows Eudora Light Version 1.5.2
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="===== _844260939==_"
>To: k5di@juno.com
>From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
>Subject: file attach
>X-Attachments: E:\ABC\ASSIST.EXE;
>
> ----- Message body suppressed -----
>
>
>
>---IAA12121.844258266/x11.boston.juno.com--
>
>
>
>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

11. Re: [BBSSIG:3451] Juno accepts file attaches

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)
Date: Wed, 02 Oct 1996 16:19:17 GMT
To: bbssig@tapr.org
Message-ID: <325394a1.3952567@hannibal.wncc.cc.ne.us>
Rendered body type: text/plain

On Wed, 2 Oct 1996 07:31:19 -0500 (CDT), you said:

```
> To those who believe juno.com will accept file attaches I refer you
> to the Mailer Daemon message I got back when I tried to file attach a large
> file.
> It says Juno will accept nothing larger than 61,440 bytes!!!
> So I say again, those using Juno should send there .tut files as a message
> and not as a file attach.
```

I don't know what a .tut file is, but we did some testing to see how much juno would accept and it was 5k. We manually uuencoded files and attached them to blank messages. Over 5k caused the system to refuse it. On the other hand, people sending from an outside account to a juno account could send something over 50k to the juno account before there were problems.

This has been several months ago, so it is possible something has changed.

73, Gary

12. Re: [BBSSIG:3449] Re: TNOS pbbs sysops

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 02 Oct 1996 10:17:38 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961002181738.0068b8c0@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 06:59 AM 10/2/96 -0500, you wrote:
> I sure can do that Hank. And will do so. It is a plain ascii file
>that lends itself to easy transfer either over radio packet or the internet.

Just one additional thought: if they were sent using some "standard" BID scheme, then bbs systems could grab and file them automatically. The local folks who run tnos don't pay a lot of attention to what is happening over on the ax.25 network, and thus tend to miss a lot of the useful information that comes through.

So, for example, they could be sent with BIDs of "TNOS-TUT.nnn" or some such, and then could be grabbed automatically ...

>
>
>At 06:45 PM 10/1/96 -0500, you wrote:
>>At 04:36 PM 10/1/96 -0500, you wrote:
>>> I'm writing up some files with the .tut extention for the tnos
>>>Information Servers. These are the servers you access by typing info or
>>>tutor when logged onto a tnos bbs.
>>>
>>> I have just finished the one that documents the computer and version
>>>of TNOS and some over view looks at the software. I'm about to launch into
>>>the tutorial part of the server, and am wondering if anyone has done one of
>>>those? I would like to communicate with as many of you there are interested
>>>in this, and share ideas.
>>>
>>> We can send each other work either as an e-mail or as an attached
>>>file if your server supports that (I know that juno.com does not). Anyone
>>>out there interested?
>>
>>How about posting them via packet, so that those who run tnos
>>and are NOT connected to the internet can get them. Yes, these
>>folks exist out there in radio land ...
>>
>>
>>Hank Oredson @ Mentor Graphics Library Operations
>>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>>
>>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>
>

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

13. Re: [BBSSIG:3452] Re: Juno accepts file attaches

From: N5EJS <n5ejs@linknet.net>
Date: Wed, 02 Oct 1996 12:40:13 -0500
To: bbssig@tapr.org
Message-ID: <9610021747.AA15915@popalex1.linknet.net>
Rendered body type: text/plain

At 11:25 AM 10/2/96 -0500, you wrote:

>I don't know what a .tut file is, but we did some testing to see how much
>juno would accept and it was 5k. We manually uuencoded files and
>attached them to blank messages. Over 5k caused the system to refuse it.
>On the other hand, people sending from an outside account to a juno account
>could send someting over 50k to the juno account before there were problems.
>
>This has been several months ago, so it is possible something has
>changed.
>
>73, Gary

Hi Gary, I found that the trick is, don't send them as "attachments". UUencode the file (unless it's just plain ASCII) and run a file splitter on it to divide it into 60K chunks. Or just UUencode it to 60K chunks. Then you just send it in the body of the message, not as an attachment. Needless to say the receiver has to be able to handle split-coded files. Works ok but is a slight pain if you are sending large files.

Russ
N5EJS

14. Re: [BBSSIG:3453] Re: TNOS pbbs sysops

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 2 Oct 1996 12:53:02 -0600
To: bbssig@tapr.org
Message-ID: <199610021853.MAA04047@acca.nmsu.edu>
Rendered body type: text/plain

Yes that works Hank, but another way that works good if your using a nos bbs is to just put everything dealing with tnos into an area called tnos and in the rewrite file put:

```
tnos*~* tnos
*~tnos* tnos
*~*tnos tnos
```

and almost anything pertaining to tnos will be in that area. Then set up to not delete files out of tnos for 60 days and your set...)

Just another way to skin the cat Hank. You are using JNOS I think so this is all clear to you. I hope other readers can follow this.

```
At 12:35 PM 10/2/96 -0500, you wrote:
>At 06:59 AM 10/2/96 -0500, you wrote:
>> I sure can do that Hank. And will do so. It is a plain ascii file
>>that lends itself to easy transfer either over radio packet or the internet.
>
>Just one additional thought: if they were sent using some "standard"
>BID scheme, then bbs systems could grab and file them automatically.
>The local folks who run tnos don't pay a lot of attention to what is
>happening over on the ax.25 network, and thus tend to miss a lot of
>the useful information that comes through.
>
>So, for example, they could be sent with BIDs of "TNOS-TUT.nnn"
>or some such, and then could be grabbed automatically ...
>
>>
>>
>>At 06:45 PM 10/1/96 -0500, you wrote:
>>>At 04:36 PM 10/1/96 -0500, you wrote:
>>>> I'm writing up some files with the .tut extention for the tnos
>>>>Information Servers. These are the servers you access by typing info or
>>>>tutor when logged onto a tnos bbs.
>>>>
>>>> I have just finished the one that documents the computer and version
>>>>of TNOS and some over view looks at the software. I'm about to launch into
>>>>the tutorial part of the server, and am wondering if anyone has done one of
>>>>those? I would like to communicate with as many of you there are interested
>>>>in this, and share ideas.
>>>>
>>>> We can send each other work either as an e-mail or as an attached
>>>>file if your server supports that (I know that juno.com does not). Anyone
>>>>out there interested?
>>>
>>>How about posting them via packet, so that those who run tnos
>>>and are NOT connected to the internet can get them. Yes, these
>>>folks exist out there in radio land ...
>>>
>>>
>>>Hank Oredson @ Mentor Graphics Library Operations
>>>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>>>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>>>
>>>
>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>>
>>
>>
```

>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

15. Juno is good!

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 2 Oct 1996 12:45:12 -0600
To: bbssig@tapr.org
Message-ID: <199610021845.MAA03805@acca.nmsu.edu>
Rendered body type: text/plain

Before this blows out of control, let me tell all that juno.com is a very special internet server. They say up front that when the users (banks) get busy juno goes on hold. My experience is this is very seldom a problem. I have been bumped perhaps 2 times in a month.

It is 100% Free! No cost for the software, which is real pretty in Win-95 and no monthly charge. The software is commercial quality. It never crashes or nothin bad.

The software uses pop to get and receive mail from the server. It is often the connect time is under 30 seconds. I have 2 advertisements that were sent to me by juno. They display and go away at random...

In my opinion it's the best e-mail system I have seen. But it doesn't do World Wide Web or FTP or other internet provider intensive chores. And it will not accept large files. And it will not accept a file-attach.

All that said I keep my juno account and receive the "nos-bbs Sig" on juno. It is easy to read and store in files and reply to. I have nothing but good things to say about juno.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

16. Re: [BBSSIG:3455] Re: TNOS pbbs sysops

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 02 Oct 1996 14:53:10 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961002225310.0067fafc@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 02:03 PM 10/2/96 -0500, you wrote:

> Just another way to skin the cat Hank. You are using JNOS I think so
>this is all clear to you. I hope other readers can follow this.

No, not using jnos ... and in any case the idea was to set things up in much the same way the ORBS bulletins are setup, so that the information can easily be captured by any bbs sysop. My bbs software can do "all of the above", but many flavors of bbs software cannot.

My idea was to provide more exposure of the information, rather than focusing it toward those already running tnos (or any nos, for that matter).

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

17. Re: [BBSSIG:3454] Re: Juno accepts file attaches

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)
Date: Wed, 02 Oct 1996 22:50:34 GMT
To: bbssig@tapr.org
Message-ID: <3252ef15.11160760@hannibal.wncc.cc.ne.us>
Rendered body type: text/plain

On Wed, 2 Oct 1996 12:59:53 -0500 (CDT), you said:

> At 11:25 AM 10/2/96 -0500, you wrote:

> >I don't know what a .tut file is, but we did some testing to see how much
> >juno would accept and it was 5k. We manually uuencoded files and
> >attached them to blank messages. Over 5k caused the system to refuse it.
> >On the other hand, people sending from an outside account to a juno account

> >could send something over 50k to the juno account before there were problems.

> >This has been several months ago, so it is possible something has

> >changed.

> Hi Gary, I found that the trick is, don't send them as "attachments". UUencode

> the file (unless it's just plain ASCII) and run a file splitter on it to divide it into

> 60K chunks. Or just UUencode it to 60K chunks. Then you just send it in the

> body of the message, not as an attachment. Needless to say the receiver has

> to be able to handle split-coded files. Works ok but is a slight pain if you are

> sending large files.

>

> Russ

Since the word ATTACH does not appear in the juno software, I was using it generically. I just checked again. ATTACH is not an option in juno (1.15). What I meant above (and partially said), was that we zipped a file, uuencoded it, and split it. We then used the (specifically) "Insert text file into message" option under the FILE pulldown to insert the individual split files into separate messages. By trial and error, it was found (at that time) that 5k was the limit on outgoing. Again, that might be different now. I haven't played further with it, since I have no desire to use it for any more than what it was designed for - email - and even then, only to back up my primary provider.

As for the message from Karl that came today, I don't know what he is referring to. I've certainly not said anything negative about juno. I think it is great. And... I agree with them. Email SHOULD be free, and EVERYONE should be using it. My other accounts are work related.

Gary
mcduffie@hannibal.wncc.cc.ne.us
ag0n@juno.com

18. Re: [BBSSIG:3451] Juno accepts file attaches

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>
Date: Thu, 3 Oct 1996 01:54:34 +1200
To: bbssig@tapr.org
Message-ID: <32542693.z12tze@z12tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi Karl and others,

May I suggest the following :

Yes Juno will accept files of a limited size it tells us that in your reply message ..

Maybe you might try UUencoding it and send it in the required size ?

As I understand it some ISP and Servers won't allow LARGE attachments ..

> Date sent: Wed, 2 Oct 1996 07:31:19 -0500 (CDT)
> Send reply to: bbssig@tapr.org
> From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
> To: bbssig@tapr.org
> Subject: [BBSSIG:3451] Juno accepts file attaches

> To those who believe juno.com will accept file attaches I refer you

> to the Mailer Daemon message I got back when I tried to file attach a large

> file.

> It says Juno will accept nothing larger than 61,440 bytes!!!

> So I say again, those using Juno should send there .tut files as a message

> and not as a file attach.

>

> karl

>

> >Return-Path: <Mailer-Daemon>
> >Date: Wed, 2 Oct 1996 08:11:06 -0400
> >From: Mail Delivery Subsystem <postoffice@juno.com>
> >Subject: Returned mail: Service unavailable
> >To: <k5di@acca.nmsu.edu>

> >

> >The original message was received at Wed, 2 Oct 1996 08:11:01 -0400

> >from x6.boston.juno.com [205.231.101.23]

> >

> > ----- Transcript of session follows -----

> >552 k5di@x11.boston.juno.com.JUNO... Message is too large; 61440 bytes max

> >554 k5di@x11.boston.juno.com.JUN0... Service unavailable
> >
> > ----- Message header follows -----

73 Phillip ZL2TZE

--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

19. Re: [BBSSIG:3457] Re: TNOS pbbs sysops

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 3 Oct 1996 06:33:10 -0600
To: bbssig@tapr.org
Message-ID: <199610031233.GAA01487@acca.nmsu.edu>
Rendered body type: text/plain

Well I doubt anyone not using nos will look with little interest on control files that work with tnos only. I'm recalled of the time I decided to make all the new-found neat stuff in FBB available by putting it in the sysop stream. I got 30 messages telling me that FBB had a special heading and get this crap off sysop! What they were SAYING was, I don't even want to SEE anything about FBB.

So I hope the tnos@usa will flood the country. And those with an interest will be able to find them. I put out 3 messages yesterday.

At 05:16 PM 10/2/96 -0500, you wrote:

>At 02:03 PM 10/2/96 -0500, you wrote:

>

>> Just another way to skin the cat Hank. You are using JNOS I think so
>>this is all clear to you. I hope other readers can follow this.

>

>No, not using jnos ... and in any case the idea was to set things up in
>much the same way the ORBS bulletins are setup, so that the information
>can easily be captured by any bbs sysop. My bbs software can do "all of
>the above", but many flavors of bbs software cannot.

>

>My idea was to provide more exposure of the information, rather than
>focusing it toward those already running tnos (or any nos, for that matter).

>

>Hank Oredson @ Mentor Graphics Library Operations

>Internet : hank_oredson@mentorg.com "Parts 'R Us!"

>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

20. TAPR Office to reduce to minimum operations

From: Greg Jones <wd5ivd@tapr.org>
Date: Thu, 3 Oct 1996 10:01:18 -0500 (CDT)
To: tapr-bb@tapr.org (TAPR-BB mailing), tapr-board@tapr.org (TAPR Board),
netsig@tapr.org (NETSIG mailing), bbssig@tapr.org (BBS SIG mailing),
hfsig@tapr.org (HF SIG mailing), dsp-93@tapr.org (DSP-93 Build),
aprssig@tapr.org (BBS SIG mailing), tapr-sys@tapr.org,
amsat-bb@amsat.org (AMSAT BB Mail Group)
Message-ID: <199610031501.KAA15057@tapr.org>
Rendered body type: text/plain

TAPR Office to reduce to minimum operations

Oct 3, 1996

The TAPR Office will shutdown to minimum operations starting October 8th and running at least until October 28th.

This means that Dorothy will not be working the office phones during this period. The office will continue to operate, but at a much reduced level. E-mail, US mail, Voice Mail, etc will still be received and recorded, but everything will be processed at a very much slower rate during this period.

GPS-20 units have begun to ship. As of this e-mail, approximately 40 units have shipped. We are awaiting additional pins for the connector (suppose to arrive Oct 11th) in order to complete the remainder of the units. These pins replace the ones that were incorrect in the shipment we received. Once the pins arrive, we will get the other units out as soon as possible.

The Motorola EVM56002 have been placed on order and are expected to arrive sometime after Oct 21st. They will then be shipped out as time permits

under the operational schedule at the office. There are something like 60 of the 200 units still available in this purchase at the \$85 + \$10 s/h price. Check the TAPR Web page for full details www.tapr.org. First come basis on these units.

TAPR is sorry for any delays that the reduced operations schedule at the office might cause. If everything turns out positive, the office should be back operational towards the end of October.

Cheers - Greg Jones, WD5IVD
President, TAPR

(wd5ivd@tapr.org)

21. Tscript files

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 3 Oct 1996 16:32:25 -0600
To: bbssig@tapr.org
Message-ID: <199610032232.QAA23366@acca.nmsu.edu>
Rendered body type: text/plain

Here are 3 messages I sent out over the pbbs network. I hope you get them but if not they are about TNOS Help files. Here they are:

>From k5di@k5di.ampr.org Wed Oct 2 14:52:58 1996
Received: from k5di.ampr.org by k5di.ampr.org (Las Cruces) with SMTP
id AA46103 ; Wed, 02 Oct 96 14:52:57 -0600
X-BBS-Msg-Type: B
Date: Wed, 02 Oct 96 14:44:18 -0600
Message-Id: <3586@k5di.ampr.org>
Sender: k5di@k5di.ampr.org (Karl)
From: k5di@k5di.ampr.org (Karl)
To: tnos@usa
Subject: tscript

Message-Id: 3586_k5di
From: k5di@k5di.cruces.nm.usa.noam (Karl)
To: tnos@usa

Hi guys you have in your /doc a file called tscript which you have printed out and understand, right? Well it's at least printed out? See if you can find it.

What it says that is important to this discussion is that ANY file with the ending .tut that is in the /nos/spool/tutor directory will be readable from your pbbs by users if they type tutor. I have tried it and it works just fine. If you have 3 files the TNOS Information Server shows the first line of each file by the numbers 1,2,3.

The rest of the file is just read like a message. You can put some tscript key characters in it and they do interesting things.

I am going to follow this message with a few of the *.tut files I have just written. Please read them and make improvements and send them back as a bulletin tnos@usa please, so we can all benefit from each others work.

73, de karl aka k5di, SysOp of k5di.cruces.nm.usa.na
k5di@juno.com k5di@acca.nmsu.edu

>From k5di@k5di.ampr.org Wed Oct 2 15:03:39 1996
Received: from k5di.ampr.org by k5di.ampr.org (Las Cruces) with SMTP
id AA46107 ; Wed, 02 Oct 96 15:03:39 -0600
X-BBS-Msg-Type: B
Date: Wed, 02 Oct 96 15:00:36 -0600
Message-Id: <3588@k5di.ampr.org>
Sender: k5di@k5di.ampr.org (Karl)
From: k5di@k5di.ampr.org (Karl)
To: tnos@usa
Subject: Tutor files

Message-Id: 3588_k5di
From: k5di@k5di.cruces.nm.usa.noam (Karl)
To: tnos@usa

Here is my file covering the set command...
Setting up your account on the bbs

Everyone who connects to this pbbs is given an account on it. You are given default settings which are fine for most users, but you may want to change them from time to time.

Also there are 2 things you may want to do to make you available to other hams in this and other areas. One is the "finger" information and the other is your signature that you want to put on every message you send from this bbs.

All these things are done using the "set" command. I will explain the use of them with examples. In every case I assume your in your account area. If your callsign is ki5fj then your in the ki5fj area.

~m

Setting up Your Finger Information

1. Type set f. You will get a line of words saying among other things to end the message with a Ctrl-z.

2. Type whatever you want to say in this message. It can be as long or short as you like. I put my telephone number and internet address's in mine so that anyone reading it can get to me...

3. When done type Ctrl-z and it will be recorded on this computer. You can change it anytime by just typing set f again.

~m

Setting up Your Signature

1. Type set si. You will get a message writing space where you can write your signature.

2. Type whatever you like for a signature. Keep it kinda small since it is added to ALL your messages...

3. When done type Ctrl-z and it will be recorded on this computer. You can change it at any time by just typing set si again.

~m

Setting up More (y/n)

1. This is something you may want to change often. When you have more turned on and are reading a long message it stops the message from being sent to you after n lines. But if your recording the message at your own computer, then you don't want to have to hit <enter> every 25 lines!

2. Type set m 25. The bbs will print -more- after 25 lines telling you that it will stop after every 25 lines.

3. Type set m 0. It will say -more- after 0 lines telling you that it will not stop you no matter how many lines there are. This is the setting you want if your using one of the new fancy packet programs.

~m

Setting up your other things

1. At the bbs prompt type ? set. You will get a listing of all the things you can set up. These include the 3 above. There are a total of 10 things you can set, or reset with the "set" command. When your happy with the way your account looks, and operates, your done.

~m

Another file I have in tutor is this one:

How to connect to this PBBS

You obviously know how to connect if your reading this. But it will serve as background information. If your on 145.07 MHz and use c k5di It will not work. Due to a sysop screw-up you must use c lcbbs. But from any node you can still use c k5di and it will work.

If you want to connect to the NMSUGW you can by typing gate at the bbs prompt. If you want to connect to #elp you type c #elp at the bbs prompt. Of course you type tutor to get here...

~m

So here are 2 that you can improve on and use. Try them, you will enjoy how they work. Change the call signs to yours...hi

73, de karl aka k5di, SysOp of k5di.cruces.nm.usa.na
k5di@juno.com k5di@acca.nmsu.edu

>From k5di@k5di.ampr.org Wed Oct 2 15:10:48 1996
Received: from k5di.ampr.org by k5di.ampr.org (Las Cruces) with SMTP
id AA46115 ; Wed, 02 Oct 96 15:10:48 -0600
X-BBS-Msg-Type: B
Date: Wed, 02 Oct 96 15:06:39 -0600
Message-Id: <3589@k5di.ampr.org>
Sender: k5di@k5di.ampr.org (Karl)
From: k5di@k5di.ampr.org (Karl)
To: tnos@usa
Subject: Info

Message-Id: 3589_k5di
From: k5di@k5di.cruces.nm.usa.noam (Karl)
To: tnos@usa

Here are 2 files with the *.tut that I have in my /nos/spool/info directory. They are info about this system and need to be changed for your system...

This PBBS System

The computer is a home built (put together) DX 486-66 without any memory cache, a 540 MByte Hard Drive and 16 MByte's of RAM. It is in a mini tower case with both a 5 1/2 and 3 1/4 inch floppy drives and a Colorado 250 MB tape backup drive.

There are 2 TNC's on the pbbs, both are Pac Comm Tiny-2's. One is unmodified at 1200 and the other is modified to work at 9600 baud. The 9600 baud radio is a TEKK KS-900 that runs 2 watts to a 6 element beam and talks to every node on 445.1 MHz and the other is an old Yaesu Memorizer to a 14 element beam that works on 145.07 MHz covering most of Las Cruces.

The operating system is software called Linux. I am using version 1.2.13 and it is thousands of times more stable than DOS. It is a version of the Unix operating system that runs on the standard Intel Corporation central processor unit designed for running DOS. The software is free and it is very well debugged at this time. It includes a free unix compiler and many, many other useful functions.

~m

TNOS is the name of the pbbs software. It can be run using DOS or UNIX as the operating system. When DOS is used the number of features is limited because DOS limits base memory to 640 KBytes. Unix has no such limitation so when a unix operating system is used you can turn on ALL the features!

With tnos the pbbs looks different to a user that is used to another software like, for example the FBB pbbs software. That was what I used before changing to tnos. FBB used software filters that allowed users to wade through the single mass of messages. TNOS has a lot of individual files, in fact it has a file for every user and every 'area' on the pbbs.

TNOS has a lot of features not found on other pbbs. This message you reading ~c at ~t on ~d is an example of this power. The server system that allows you to read this is one example.

~m

Another powerful thing TNOS does is it's a tcp/ip system that I use to keep in touch with other hams in the area with similar equipment. I am the smtp gateway for all the hams in Las Cruces and El Paso, TX. The current version of TNOS I am using is version 2.02p12 which is not the latest version. But the latest version does not have a working white page server.

So here is what you are using as your bbs. It will take time to learn how to use it, but, in return you will enjoy the bbs more.

kfl 1 oct 96

~m

and

The K5DI Route Table

This is my current routes and arp setup. If you feel it is wrong please send your comments to the sysop of this pbbs. Thanks!

~m

~u /nos/routes

~m

This file routes gets the file /nos/routes that exists on my computer and is used by me daily for tcp/ip use. When I change that file the change shows up in this file. Cute isn't it?

73. de karl aka k5di, SysOp of k5di.cruces.nm.usa.na
k5di@juno.com k5di@acca.nmsu.edu

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

22. NOS Forwarding

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 3 Oct 1996 17:07:33 -0600
To: bbssig@tapr.org
Message-ID: <199610032307.RAA24505@acca.nmsu.edu>
Rendered body type: text/plain

Here are the 2 files that control how a NOS PBBS forwards. I expect there are lots of other ways to do this. I would like to see some.

This is my current forward.bbs file. amtn and #elp are nodes.

```
[f6cnb]
CONNECT = n amtn
POLL = yes
SCRIPT = {
# SEND c 2 f6cnb-1 v hou cnbfwd
SEND c 4c0589
WAIT 30 Connected
SEND c f6cnb-1
WAIT 60 Connected
}
AREAS = {
f6cnb
include /nos/mine/bulls
}
-----
[kc5izt]
if TIME = 0000-2330
CONNECT = n amtn
SCRIPT = {
SEND c 2 kc5izt-3
WAIT 30 Connected
SEND c kc5izt
WAIT 30 Connected
}
AREAS = {
kc5izt
ka5jnj
include /nos/mine/bulls
}
-----
[wb7tls]
if TIME = 0000-0900
CONNECT = n amtn
SCRIPT = {
SEND c svc
WAIT 30 Connected
```

```

SEND c nm1
WAIT 30 Connected
SEND c helio
WAIT 30 Connected
SEND c wb7tls v crcip
WAIT 90 Connected
}
AREAS = {
wb7tls
include /nos/mine/bulls
}
endif
-----
[k5wph]
CONNECT = n #elp
SCRIPT = {
SEND c k5wph
WAIT 30 Connected
}
AREAS = {
k5wph
allnm
texas
}
-----
=====

This is my rewrite file. It is changing almost daily!

# make sure the ax25 h-addresses get rewritten to avoid .NA, which is
# a valid Internet domain for Nambia.
#
*.na $1.noam r
#
#
# get the ax25 mail separated from the smtp mail. if the address isn't
# found in \domain.txt, then the mailbox will handle it; otherwise it'll
#
*@k5di.ampr.org $1 r
#
# Pull out my own mail
#
k5di@* k5di
sysop k5di
syserror trouble
#
# *@k5di* $1
#
# Since everyone's so paranoid of @WW, segregate it.
#
*@WW WW
*@eu WW
#
#
*@texas texas
#
#
#
# I place anything addresses to specific mail areas as setup with
# the '/spool/areas' files into those mailboxes
#
cq*@* cq
#
dx*@* dx
qsl*@* dx
#
cheers@* cheers
recipe@* recipe
qs@* arrl
qst@* arrl
humor*@* humor
debate@* debate
aprs*@* aprs
sysop@* sysop
#
#

```

```

tnos* @* tnos
tnos @* tnos
* @tnos* tnos
* @* tnos tnos
tcpip @* tcpip
* nos @* tcpip
#
races @* arrl
ares @* arrl
#
baycom @* packet
tnc * @* packet
msys @* packet
fbb * @* packet
bpq @* packet
amtorg @* packet
pactor @* packet
clover @* packet
kiss @* packet
packet @* packet
win95 @* packet
winpac @* packet
yl @* yl
#
* sale @* trade
swap @* trade
trade @* trade
want * @* trade
sold @* trade
wtb @* trade
sell @* trade
hamnet @* hamnet
#
kep * @* space
nasa @* space
space @* space
ezsat * @* space
amsat @* space
sat * @* space
#
help @* info
info @* info
need @* info
#
* @allus misc
* @allna misc
* @usa misc
* @usbbs misc
* @bbs misc
* @allbbs misc
* @na misc
* @allnm allnm
* @nm allnm

* @arl arrl
* @arrl arrl
#
* @nasa space
* @amsat space
#
* @ares arrl
* @races arrl
#
#
#
# NOTE: if you follow this style, it is important that the lines above
# are kept in that order (TO sorting FIRST, then AT sorting!!)
# Otherwise something like 'amsat@allusa' will end up in the
# 'allusa' area instead of the 'amsat' area.
#
#
# Then I will catch any mail destined for the bbs's I forward to
# and place it in their mailbox to be forwarded.
#
* @k5wph* k5wph
* @f6cnb* f6cnb
* @kc5izt* kc5izt
* @wb7tls* wb7tls
wp@k5di* wp

```

```

#
#
*@*.ak* f6cnb
*@*.al* f6cnb
*@*.ar* f6cnb
*@*.az* wb7t1s
*@*.ca.* f6cnb
*@*.co* f6cnb
*@*.ct* f6cnb
*@*.de* f6cnb
*@*.fl* f6cnb
*@*.ga* f6cnb
*@*.hi* f6cnb
*@*.ia* f6cnb
*@*.id* f6cnb
*@*.il* f6cnb
*@*.in* f6cnb
*@*.ks* f6cnb
*@*.ky* f6cnb
*@*.la* f6cnb
*@*.ma* f6cnb
*@*.md* f6cnb
*@*.me* f6cnb
*@*.mi* f6cnb
*@*.ms* f6cnb
*@*.mn* f6cnb
*@*.mo* f6cnb
*@*.mt* f6cnb
*@*.nc* f6cnb
*@*.nd* f6cnb
*@*.ne* f6cnb
*@*.nh* f6cnb
*@*.nj* f6cnb
*@*.nm* kc5izt
*@*.nv* f6cnb
*@*.ny* f6cnb
*@*.oh* f6cnb
*@*.ok* f6cnb
*@*.or* f6cnb
*@*.pa* f6cnb
*@*.ri* f6cnb
*@*.sc* f6cnb
*@*.sd* f6cnb
*@*.tn* f6cnb
*@w5es.* k5wph
*@*.tx* f6cnb
*@*.ut* f6cnb
*@*.va* f6cnb
*@*.vt* f6cnb
*@*.wa* f6cnb
*@*.wi* f6cnb
*@*.wv* f6cnb
*@*.wy* f6cnb
#
*@*.can* f6cnb
*@*.cub* f6cnb
*@*.mex* f6cnb
#
#       Set the non-North American mail aside
#
*@gb* f6cnb
*@*.eu* f6cnb
*@*.oc* f6cnb
*@*.car* f6cnb
*@*.sa* f6cnb
*@*.soam f6cnb
*@*.ceam f6cnb
#
#       Then I take all the NM NTS traffic and dump it to the servicing BBS
#
*@ntsnm* kc5izt
*@nts* f6cnb
*@usw usw
#
#
#       Anything that falls out
#
#@* check
#

```

=====

These 2 files are what control forwarding in NOS.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

23. More tutor files

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Fri, 4 Oct 1996 10:14:04 -0600
To: bbssig@tapr.org
Message-ID: <199610041614.KAA23672@acca.nmsu.edu>
Rendered body type: text/plain

This again is what went out over packet. I hope it's not too hard to read this way...

>From k5di@k5di.ampr.org Fri Oct 4 05:28:34 1996
Received: from k5di.ampr.org by k5di.ampr.org (Las Cruces) with SMTP
id AA46561 ; Fri, 04 Oct 96 05:28:34 -0600
X-BBS-Msg-Type: B
Date: Fri, 04 Oct 96 05:21:59 -0600
Message-Id: <3622@k5di.ampr.org>
Sender: k5di@k5di.ampr.org (Karl)
From: k5di@k5di.ampr.org (Karl)
To: tnos@usa
Subject: Tscript files

Message-Id: 3622_k5di
From: k5di@k5di.cruces.nm.usa.noam (Karl)
To: tnos@usa

Hi guys, here are 2 more files for the tutor section. The first covers how to send MAIL and like that:

How to Send MAIL to a Ham

One of the nice things about this pbbs is that you can send a message to a friend almost anywhere in the world! To do this you need several address things for the person you want send mail.

For example, if your callsign is kc7enb and you are a registered user of this k5di pbbs, your full address is:

kc7enb@k5di.cruces.nm.usa.noam

Now there is a thing called White Pages. Many pbbs have White Pages and since I have been a pbbs for 9 years, the call k5di is on almost every pbbs in the world!

This pbbs has White Pages. Lets talk about what is in the White Pages of this pbbs. Every new message I get in from anywhere from anyone adds new calls to my White Pages. sometimes they are duplications and then they are not added.

~m

So say you got a message from Bob w2ab about a month ago and you want to send him one. The message a month ago may have put the address for w2ab in my White Pages. So while your in your account, type:

wp w2ab <enter>

The server will either give you the complete address for Bob, or say he is not found. I have been setting up the White Page Server for a month now. I think it is right now and will have Bob's address almost every time.

If Bob is not in the server you have few options. If you saved the message from him it might have his packet address. If not, call him on the phone and ask.

~m

A Better Idea for MAIL

When you get a message from someone, or, you want to send a reply to a Bulletin you just read, use the "SR" command. This simple little sr does big things.

When you type sr the bbs starts a whole new message with the EXACT address of the person who sent the original message, now as the To: address and with your address as the From: address, and the original title preceeded by a re:.

You just type what you want to say and bingo! A new message goes back to the guy who sent the original message. Simple and it works every time, almost.

~m

This last one is shorter and covers how to send a bulletin, like this one:

How to Send a Bulletin

Sending a bulletin is easier than sending mail. This is because a Bulletin is sent to all the bbs systems in an area defined by the letters following the @ symbol. In other words you don't need an exact address.

First decide what area you want to cover with your Bulletin. If your selling a 200 foot steel tower use allnm, not allusa. ALLNM covers all of New Mexico and El Paso, Texas. If your writing something for debate about national politics you want it to cover the whole country. To do this you use @usa.

~m

Using the example of a debate you will want to use the address of debate@usa for your Bulletin. To do this you are on the bbs and at the prompt you type:

sb debate@usa

and the bbs sends back:

Title:

and you type in the title and then the bbs goes to where you type the message. When you finish the message type Ctrl-Z.

~m

So this covers the biggies that users have trouble with and introduce the thought of White Pages and what it can do for them, and us.

73, de karl aka k5di, SysOp of k5di.cruces.nm.usa.na
k5di@juno.com k5di@acca.nmsu.edu

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

24. PBBS Surevy Results

From: Marty Albert <marty@trucom.com>
Date: Fri, 04 Oct 1996 14:16:22 -0500
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961004191622.00680f60@mail.trucom.com>
Rendered body type: text/plain

RESULTS OF PACKET RADIO BBS SURVEY

JUNE - SEPTEMBER 1996

by Marty Albert KC6UFM

The survey consisted of 12 questions. In addition to the replies themselves, there was also information gathered both by the Internet survey page (through HTML and JAVA coding) and on the Packet Radio network.

This message is grouped into four topics:

- (1) REPLY DATA
- (2) ANSWERS

- (3) OTHER INFORMATION GATHERED
- (4) OVERALL COMMENTS

SECTION 1 - REPLY DATA

NUMBER OF REPLIES:

I received replies to the survey as follows:

Internet	=	397	(81.19%)
Packet	=	91	(18.61%)
US Mail	=	1	(0.20%)
TOTAL	=	489	(100.00%)

NUMBER OF DUPLICATE REPLIES:

There were a number of duplicates received as follows:

Internet	=	4	(22.22%)	from 2 respondants
Packet	=	14	(77.78%)	from 5 respondants
US Mail	=	0	(0.00%)	from 0 respondants
TOTAL	=	18	(100.00%)	from 7 respondants

(NOTE: Duplicates were handled by taking only the most recent copy and discarding the older replies.)

DISCARDED REPLIES:

Other than duplicates, the following is a summary of discarded replies due to inability to read the replies:

Internet	=	0	(0.00%)
Packet	=	1	(100.00%)
US Mail	=	0	(0.00%)
TOTAL	=	1	(100.00%)

COMMENTS:

As can be seen, the vast majority of replies were via Internet. I found this interesting for two reasons: (1) The survey was about Packet Radio and I would have expected more interest than was shown by the Packet community, and (2) There were two people on the Internet who were pushing very hard to have the survey available on Packet as they felt there would be a high response rate.

It is also interesting that there was a much higher number of duplicates sent by Packet users in terms of absolute numbers (14 vs 4); Percent of all duplicates (78% vs 22%); And percent of all replies (3% vs 1%). It should be noted that the Packet duplicates had different BIDs (all appeared valid) and dates from their respective PBB5. Also, the Packet duplicates had different answers. I frankly was expecting more duplicates from the Internet HTML version of the survey... Since this was a form type response, it would have been easier both to make an error and to just re-submit the survey. On Packet, users had to actually write a reply message and send a Packet message, a much more difficult process!

The only discarded reply looked to have been trashed by HF forwarding stations between the US and Western Europe. This one reply represents only 0.20% of the total and so has little impact on the survey.

Please see the OTHER INFORMATION GATHERED section for additional details that are interest.

SECTION 2 - ANSWERS

This section will look at each question and the answers received. The format for each each question will be the same:

Question Statement
Answers and number of replies
Discussion

QUESTION 1

What Packet BBS program do you use now, or if you are planning to set up a BBS in the future, what BBS program are planning to use?

F6FBB	103	(21.06%)
W0RLI	26	(5.32%)
AA4RE	21	(4.29%)
MSYS	73	(14.93%)
DOS/Windows NOS	75	(15.34%)
Unix/Linux NOS	29	(5.93%)
APLink	2	(0.41%)
CBBS	0	(0.00%)
G1NNA	0	(0.00%)
SV7AIZ	0	(0.00%)
TheBox	16	(3.27%)
UFQBBS	0	(0.00%)
WA7MBL	1	(0.20%)
WinLink	7	(1.43%)
X0BBS	0	(0.00%)
Other	22	(4.50%)
None	114	(23.31%)
TOTAL	489	(100.00%)

It should be made clear that these numbers are based only on replies to the survey and not on actual distribution of the various software. In other words, there very likely are many more people using a particular software package than what is shown here.

It is assumed that the NONE answer are those that do not now and do not plan to operate a PBBS. This was a failure in the survey structure in that such an answer should have been available while, in fact, it was not.

In any event, two trends are clear: (1) F6FBB is the single most popular PBBS program and (2) The various NOS systems are, when totaled, even more popular.

QUESTION 2

How long have you operated a Packet BBS?

Less than 1 year	46	(9.41%)
1-2 years	82	(16.77%)
2-3 years	74	(15.13%)
3-5 years	58	(11.86%)
More than 5 years	51	(10.43%)
I don't run a BBS	178	(36.40%)
TOTAL	489	(100.00%)

The main information from this question is that about 1/3 of all respondents are not PBBS SysOps. This is about what I had expected when this started.

One interesting fact is that over 40% of our BBSs have been around 3 years or less with nearly 10% less than a year old. This shows a fair growth rate and an attraction to new people to Packet.

QUESTION 3

If you are thinking of operating a Packet BBS, how long before you plan to your BBS on the air?

Less than 6 months	38	(7.77%)
--------------------	----	----------

6 months - 1 year	26 (5.32%)
1-2 years	12 (2.45%)
More than 2 years	3 (0.61%)
I run a BBS now	309 (63.19%)
I wouldn't run a BBS	101 (20.65%)
TOTAL	489 (100.00%)

This question again confirms that about 2/3 of the replies were from current SysOps. We also note here that about 15% of all current users are planning to move into being s SysOp in the next 2 years or less.

QUESTION 4

As a SysOp (or possible SysOp), what is the MOST important feature a BBS should have?

Easy set up	36 (7.36%)
Easy day to day operation	58 (11.86%)
Lot of features	19 (3.89%)
Telephone modem support	4 (0.82%)
Good documentation	127 (25.97%)
Author support	71 (14.52%)
Lots of add-on programs	8 (1.64%)
TCP/IP support	55 (11.25%)
Variety of TNCs supported	2 (0.41%)
I'm not a SysOp	109 (22.29%)
TOTAL	489 (100.00%)

Little of this surprised me as I had expected that Documentation, Author Support, and Easy Operation would be of prime importance.

One thing worth noting is the desire for TCP/IP Support. However, taking this in light of the number of SysOps using a NOS variant, this is not at all unusual.

QUESTION 5

As a SysOp (or possible SysOp), what is the LEAST important feature a BBS should have?

Easy set up	18 (3.68%)
Easy day to day operation	21 (4.29%)
Lot of features	36 (7.36%)
Telephone modem support	41 (8.38%)
Good documentation	4 (0.82%)
Author support	1 (0.20%)
Lots of add-on programs	92 (18.81%)
TCP/IP support	36 (7.36%)
Variety of TNCs supported	129 (26.38%)
I'm not a SysOp	111 (22.70%)
TOTAL	489 (100.00%)

The correlation between this question and Question #4 is good. Again, there were no real surprises here to me.

QUESTION 6

As a Packet User, what is the MOST important feature a BBS should have?

Good HELP systems	142 (29.04%)
ANSI support	25 (5.11%)
Other graphics support	42 (8.59%)
TCP/IP support	41 (8.38%)
Selective message reading	109 (22.29%)
File transfers	53 (10.84%)
White Pages support	47 (9.61%)
Multiple languages	9 (1.84%)
Other	21 (4.29%)
TOTAL	489 (100.00%)

I found two surprises here to my own preconceptions... (1) The relatively high number of users wanting file transfers (nearly 11%); and (2) The very low number of people wanting multiple language support (under 2%).

QUESTION 7

As a Packet User, what is the LEAST important feature a BBS should have?

Good HELP systems	22	(4.50%)
ANSI support	61	(12.47%)
Other graphics support	106	(21.68%)
TCP/IP support	87	(17.79%)
Selective message reading	25	(5.11%)
File transfers	27	(5.52%)
White Pages support	29	(5.93%)
Multiple languages	101	(20.65%)
Other	31	(6.34%)
TOTAL	489	(100.00%)

QUESTION 8

What type of network support is MOST important built into a BBS?

TheNET/NetROM	183	(37.42%)
ROSE	14	(2.86%)
TCP/IP	161	(32.92%)
Other	29	(5.93%)
None	26	(5.32%)
I don't know	76	(15.54%)
TOTAL	489	(100.00%)

It should be no surprise that TheNET and NetROM support is the leader here with TCP/IP functionality a close second.

It is interesting that more people were in favor of no network support than for ROSE support. While in my local area, ROSE never did catch on, I was under the impression that it was quite popular in some places.

QUESTION 9

What type of network support is LEAST important built into a BBS?

TheNET/NetROM	27	(5.52%)
ROSE	231	(47.24%)
TCP/IP	8	(1.64%)
Other	114	(23.31%)
None	2	(0.41%)
I don't know	107	(21.88%)
TOTAL	489	(100.00%)

This question supports the opinion that TheNET, NetROM, and TCP/IP support are favored while ROSE is considered not important.

QUESTION 10

If a Packet BBS that you really liked were available as a SHAREWARE program, how would you pay for it?

Less than \$10	86	(17.59%)
\$10 - \$25	74	(15.13%)
\$25 - \$50	38	(7.77%)
\$50 - \$75	23	(4.70%)
More than \$75	11	(2.25%)
I wouldn't pay	257	(52.56%)
TOTAL	489	(100.00%)

The results here are both surprising and a bit frightening. Please see

Question 11 for more comments.

QUESTION 11

If a Packet BBS that you really liked were available as a COMMERCIAL program, how would you pay for it?

Less than \$10	91	(18.61%)
\$10 - \$25	68	(13.91%)
\$25 - \$50	30	(6.13%)
\$50 - \$75	12	(2.45%)
More than \$75	4	(0.82%)
I wouldn't pay	284	(58.08%)
TOTAL	489	(100.00%)

The results from this question and Question 10 do not bode well for BBS authors and for any company that wishes to publish a BBS program. There is good correlation between the two questions with the Commercial replies being slightly lower than for Shareware.

Several comments from responants stated that this is a hobby and/or this is Amateur Radio and no one should make a profit from the service. I wonder if this applies only to software or if Kenwood et al should not be selling radios?

The most frightening comments were several that stated that Hams are, in general, software pirates and that any Shareware or Commercial software would soon be spread world-wide to any Ham that would want it. One comment even stated that there is a "network" of Hams on the US West Coast that regularly give away Commercial software.

QUESTION 12

What operating system would you like to run a Packet BBS under?

MS-DOS or clone	145	(29.65%)
Windows 3.1 or 3.11	111	(22.70%)
Windows 3.x with Win32s	8	(1.64%)
Windows 95	122	(24.95%)
Windows NT	12	(2.45%)
Unix or Linux	48	(9.82%)
Apple Macintosh	13	(2.66%)
Commodore Amiga	3	(0.61%)
Atari ST/TT	1	(0.20%)
Other	26	(5.32%)
TOTAL	489	(100.00%)

Sadly, I had overlooked OS/2 when the list was set up. I presume that OS/2 makes up at least a good part of the Other responses.

The surprising thing here is that most folks are still using DOS vs a more sophisticated OS. With the availability of Windows 3.x, Win32s, Windows 95 and NT, and Linux offering more power and flexibility than DOS, one must wonder why so many are still using DOS. Perhaps this is related to the cost factors seen in Questions 10 and 11.

Also a bit surprising is the number of folks using a NOS variant and yet less than 10% are using Linux or Unix.

One thing that is clear is the relatively few people using some 680xx based computer. Only about 6% of all respondants use a non-Intel computer and OS.

SECTION 3 - OTHER INFORMATION GATHERED

This information, while interesting, does not really impact on the survey directly. Because of the nature of the supplemental data, it will be presented broken into two parts...

INTERNET REPLIES

Extra information from the Internet was gathered by means of JAVA, CGI, and HTML coding and found the following about respondents:

OS USED

DOS	24.05%
Windows 3.x	55.22%
Windows 95	12.53%
Windows NT	2.11%
Unix	0.30%
Linux	2.08%
Macintosh	3.52%
Atari ST/TT	0.07%
Other	0.12%

OS REPORTED CPU

8088/86	0.00%
80186	0.00%
80286	0.05%
80386	57.25%
80486	22.13%
80586	12.63%
80686	0.25%
68000	0.32%
68010	0.00%
68020	0.23%
68030	1.21%
Other	5.93%

OS REPORTED CLOCK SPEED

< 10 MHz	1.31%
10 - 20 MHz	16.58%
21 - 50 MHz	52.70%
51 - 75 MHz	19.22%
76 - 100 MHz	8.61%
101 - 150 MHz	1.13%
> 151 MHz	0.45%

WEB BROWSER USED

Netscape 1.x	11.03%
Netscape 2.x	18.66%
Netscape 3.x	0.23%
MS Explorer 1.x	13.62%
MS Explorer 2.x	9.51%
MS Explorer 3.x	0.58%
Mosaic Any	12.52%
Text Based	28.21%
Other	5.64%

Overall, this shows that survey respondents tend to use older computers (386 based) at relatively slow speeds (21-50 MHz) with Windows 3.x and a text based Web Browser.

This is a bit surprising to me... I had expected to see much more modern hardware in use.

PACKET REPLIES

The only item to report here is that it took, on average, 16 days for a private packet reply to reach my station.

SECTION 4 - OVERALL COMMENTS

First of all, I want to thank all of those that took the time to reply to this survey. It has provided some good information that, if nothing else, will generate a few flames and heated discussions in the Packet community!

Because of the correlations of many questions, I feel that, for the sample group, the data appears to be valid.

A few general conclusions can be made:

- (1) F6FBB software is the most popular single program, but the NOS variants are coming on very strong.
- (2) Most of our PBBS stations have been in operation less than 3 years.
- (3) SysOps want and need good documentation and author support.
- (4) Users want and need good online help systems.
- (5) TheNET and NetROM are by far the most popular networks but TCP/IP is gaining rapidly.
- (6) Most SysOps will pay little, if anything, for BBS software.
- (7) DOS continues to be the most popular OS for BBSs.

What does all this mean? Like any survey, that is a matter of interpretation of the data and has a large personal bias component.

In general, we must ask why the results are the way that they are...

Why do we have so many new BBSs on the air? Is it because the "old timers" didn't bother to answer? If so, why not? Is this reality? If so, what happened to the older stations? Does this relative lack of experience have any impact on the Packet network in general? Good? Bad?

Why the strong outcry for good documentation and author support? Do SysOps feel that they are not now getting this? If so, why not? Is this tied to the position that most will pay little for software?

Why the growth in NOS and TCP/IP? Are these systems better than what we have now or is this just a passing fad? What benefits does TCP/IP and NOS offer as compared to traditional BBSs and vice versa? Is NetROM and TheNET doing what we need to be done or are they just hanging on based on tradition or simple distribution?

Why do users ask for good online help? Are they not getting that from current BBS programs? Do current programs have online help that is not set up correctly by the SysOp? Is this tied to the SysOp desire for good documents?

Why do SysOps appear to be unwilling to pay for software? Does current Shareware work? How much have the several authors collected so far? Since this is Amateur Radio, should all software be free? What about hardware? Are there really groups of Hams that distribute pirate software or are respondents just blowing off hot air?

Why are so many Hams using DOS when more powerful OSs are available? Is this tied to the unwillingness to pay for software and/or the apparent use of older, low end computers? Is this more a function of a lack of Windows and Unix based software for Ham use? Is this even a problem or concern at all?

I will leave the detailed interpretation of the data and the debate over its meaning to the masses. Please keep in mind that this is a VERY small sample and should in no way be taken to represent all Hams or even all Packet operators.

Again, thanks to those that answered the survey and thanks for reading these results.

Take Care & 73

Marty Albert - marty@trucom.com
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

Internet Sites from just \$29.00 a month??
<http://www.adgrafx.com/info/calbertjr>

25. Internet forwarding -- Packet

From: kd4kao@juno.com (Harley w Patrick)
Date: Fri, 04 Oct 1996 15:36:56 EDT

To: bbssig@tapr.org
Message-ID: <19961004.151525.4623.2.KD4KA0@juno.com>
Rendered body type: text/plain

I have been trying to collect information on how to automatically forward packet mail via the Internet ,but, I have not had any luck getting information . Where do I start. Where can I go to get information on Internet forwarding. What program do I need
Patrick -KD4KA0
E-mail: pharley@clermson.edu
packet: kd4kao@kd4kao.#col.sc.usa.noam

26. Re: More Pirate Use

From: ei7gm@iol.ie (Paul Kearney)
Date: Fri, 04 Oct 1996 22:24:45 +0100
To: bbssig@tapr.org
Message-ID: <199610042224.XAA21557@GP0.iol.ie>
Rendered body type: text/plain

>
>Make it easy and just reject any and all EU messages.
>

AHHHHhhhhhhhhhhhhhh

So Refreshing to read someone with such a well developed sense of fairness.

I'm sure that the sysop(s) from which such messages originated regrets any inconvenience caused and has attempted to ensure such messages do not repeat but the Ham BBS network will never be fully secure from people determined to cause havoc and unrest.

73 paul ei7gm (ireland - small island beside Great Britain)
a bbs where a person , dead for 4 years recently logged on !!!

```
oo o  o  o      o  o  o  o oo o  oo      o  o      o  o  o      o  o
o      o      o      oo o  o  o      oo  o  o  o oo o  o
o      oo o      o      o  o      oo      o      o  o  o
```

Learn Braille now while you have your sight - It's easier.

27. packet survey

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Fri, 4 Oct 1996 16:55:37 -0600
To: bbssig@tapr.org
Message-ID: <199610042255.QAA06890@acca.nmsu.edu>
Rendered body type: text/plain

I agree with just about all that Marty got from his survey. I am a tnos sysop and switched from the FBB in DOS a few months ago. The users have fallen off I think because they don't know how to use a NOS style bbs.

From what I saw I am working hard to get some user documentation written for my users. I was not able to find any elsewhere. It may well be there is none out there. This, if true, says that many packet users are giving up on bbs use because they can't learn to use it.

It was difficult to get Linux working. But once done it runs like a top! I have had ZERO Linux problems since I started using it. TNOS has been harder. While Brian Lantz tries not to have many versions of tnos out there, it has been my observation that when a sysop gets a version working well, he will not upgrade. I see guys using versions in the 1. series and loads are using 2.0x that includes me.

There is very little documentation that is readable for TNOS. Most is very terse and I have a hard time understanding what I have read. There is no tutorial help provided. The "tnos" manual covers the tcp-ip part of nos well but is too old to address the new pbbs features.

But nos has, from the begining been a software started by Phil that has been expanded and improved over the past years by many other code writers. It is freeware and as such it is "what you see is what you got". I think a very important part of the bbs is user understanding. So I will continue to write sections of a user manual for tnos. I have shared them and hope they help others. But like the software it is "what you see is what you got". I will not charge for the writing and expect not to be held accountable for errors.

In summary, I will never run a bbs under DOS or Windows again. Win95 is good software but it's not designed to run for 6 months without a failure. Linux has been run for over a year without a single failure.

I hope the new user help will bring back the users I have lost.

73, karl

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

28. Re: [BBSSIG:3468] packet survey

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>
Date: Sat, 5 Oct 1996 16:03:07 +1200
To: bbssig@tapr.org, bbssig@tapr.org
Message-ID: <325744b4.z12tze@z12tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi All,

I to was surprised by Marty Albert's results , and it sort of shows us that Most that intend or are running BBS software are either to tight or to poor to be able to support the software we all depend on..

I know times are tough but I feel that users of this Valuable resource should at least attempt to make a minor Donation to the software Authors when they update..Because if these people go the way the Dinosaur did what will we have then ... BONES ...

I would have liked the survey to contain a country List of how many BBS,s replied and what software was more inuse per country etc..

I know from Sysop contact in NZ that there are roughly 35 Full time BBS's , most run FBB 5.15c , 2 run windows FBB and there are about 8 that run NOS and 1 that runs G1NNA .. BPQ nodes are very well supported and this would be the most used node software..

I would have it at a guess that the reason DOS is so popular is because it is Bullet proof (well DOS 5 is) and this is why so many have stuck with it. It is also easy to build batch files and do various other tasks as I do .. I have FBB proccessing mail for Internet forwarding and twice aday at house keep it sends the Inet Mail..

Also costs have a lot to do with it , some are Private BBS systems that get little or No support from Clubs etc and all the funding is from ones on pocket .. Who needs a CD ROM and Win95 thats another Radio if you have to purchase a CD just to load WIN95 . Faster PCs aren't the answer and many of the Newer PCs are limited in various ways .. eg some won't run 4 TNCs or 4 Baycom modems .. Also as many upgrade to the faster PC the trade ins are at such a good price you can get 2 or 3 PCs for the price of 1 new one..

In my case I have 2 BBS's running here with DOS ,FBB/BPQ and 1 has run for 4 years without a software crash, the other has run for 2 yearswith the same result.. I do have a WINFBB system on test under Windows 3.1 this is NOW stable but I wouldn't put it at a remote site because of its reliability.. Reliability is what all SYSOPs aim for and I haven't heard from 1 running FBB700a and WIN95 that they would go away on holiday and leave it running unattended as yet.. I have left my set up running for six months unattended and it was still going when I returned..

Surprise not when I read that most replies came via Internet, it appears that the distribution of Packet Mail is either Unreliable or just not happening fast enough , " 12 days to deliver a reply by packet " that would have been killed off by some BBS's I would imagine if they had a low kill off date set..

Marty ,Thanks for the results it was a shame that more current BBS Sysops didn't reply there are some 6000 BBS's out there that are currently showing in my White Page Database..

73 Phillip ZL2TZE--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@z12tze.mlb.planet.gen.nz

29. Re: [BBSSIG:3465] PBBS Surevy Results

From: n5pvl@texoma.net (Charles Brabham)
Date: Sat, 5 Oct 1996 07:45:24 -0500 (CDT)
To: bbssig@tapr.org

Message-ID: <199610051245.HAA07989@mercury.texoma.net>
Rendered body type: text/plain

>

>Why do we have so many new BBSs on the air? Is it because the "old timers"
>didn't bother to answer? If so, why not? Is this reality? If so, what
>happened to the older stations? Does this relative lack of experience have
>any impact on the Packet network in general? Good? Bad?
>

I imagine you are correct in assuming that the "old timers" , the more
experienced SYSOPs, did not bother to answer the survey.

I've only had my BBS running a little over five years, and in that time I
have seen many "surveys" on packet. None of them has struck me as being
capable of returning accurate, useful information. In fact, the great
majority of "packet surveys" I have seen were obviously done so that the
author could use the results to "prove" some point or another.

Packet Surveys have a very poor reputation among experienced BBS SYSOPs,
which goes far in explaining the results you ended up with, to ALL of the
questions included in the survey.

So when considering the answers you have managed to gather on the survey,
keep in mind that the folks who responded most were:

1. Comparitively new SYSOPs who haven't learned to distrust the accuracy of
"packet surveys" yet.
2. Bored people on the Internet.

Garbage in - Garbage out.

I can understand the desire to run a survey on packet in order to get some
idea of what is going on there. Unfortunately, there have been so many
"bogus" and "slanted" surveys already put out on packet that the chances of
getting a good representative sample from the more experienced SYSOPs is
next to impossible. The results of your survey reflect this.

I'm sorry, but that's how it is. The folks whose opinions you were needing
most were also the ones who were least likely to answer the survey. If it
was accurate, complete information you were after, you have wasted your time.

A final comment: Putting the survey on Internet was another very good way to
gather very bad information on the subject of packet radio BBS operation. It
guaranteed that the results would be liberally watered down with non-SYSOP
and even non-ham responses, further degrading the validity and accuracy of
the results.

Garbage in - Garbage out.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : http://www.texoma.com/~n5pvl

30. Re: [BBSSIG:3470] Re: PBBS Surevy Results

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 5 Oct 1996 11:33:57 -0600
To: bbssig@tapr.org
Message-ID: <199610051733.LAA29426@acca.nmsu.edu>
Rendered body type: text/plain

At 07:51 AM 10/5/96 -0500, you wrote:

>I've only had my BBS running a little over five years, and in that time I
>have seen many "surveys" on packet. None of them has struck me as being
>capable of returning accurate, useful information. In fact, the great
>majority of "packet surveys" I have seen were obviously done so that the
>author could use the results to "prove" some point or another.
>

If that were the case why do you even read this survey?

>Packet Surveys have a very poor reputation among experienced BBS SYSOPs,
>which goes far in explaining the results you ended up with, to ALL of the
>questions included in the survey.

This is not true. At least I qualify as an experienced bbs sysop having been one for 9 years, and I enjoy reading and learning from surveys.

>
>So when considering the answers you have managed to gather on the survey,
>keep in mind that the folks who responded most were:
>
>1. Comparitively new SYSOPs who haven't learned to distrust the accuracy of
>"packet surveys" yet.
>
>2. Bored people on the Internet.
>
>Garbage in - Garbage out.
>
>I can understand the desire to run a survey on packet in order to get some
>idea of what is going on there. Unfortunately, there have been so many
>"bogus" and "slanted" surveys already put out on packet that the chances of
>getting a good representative sample from the more experienced SYSOPs is
>next to impossible. The results of your survey reflect this.

Please tell us how you can tell the survey is biased away from older sysops.

>
>I'm sorry, but that's how it is. The folks whose opinions you were needing
>most were also the ones who were least likely to answer the survey. If it
>was accurate, complete information you were after, you have wasted your time.

No you are wasting both your and my time. I read the survey and feel it does reflect some interesting ideas and results.

>
>A final comment: Putting the survey on Internet was another very good way to
>gather very bad information on the subject of packet radio BBS operation. It
>guaranteed that the results would be liberally watered down with non-SYSOP
>and even non-ham responses, further degrading the validity and accuracy of
>the results.
>
>Garbage in - Garbage out.
>

Since you have decided this survey has no validity Charles, I suggest you just forget it. As for myself I plan to try and improve my bbs from the results of the survey.

>
>73 DE Charles Brabham N5PVL
>Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
>E-Mail : n5pvl@texoma.com
>WWW : http://www.texoma.com/~n5pvl
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

31. TNOS Problem

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 5 Oct 1996 11:34:01 -0600
To: bbssig@tapr.org
Message-ID: <199610051734.LAA29431@acca.nmsu.edu>
Rendered body type: text/plain

I read the tnos FAQ and Brian said the way to keep from having all your forwards come at one time, and jamming each other trying to use the same node, is to use the SUBCHANNEL command.

He said to put subchannel = 1 on every forward script that uses the same node. And then use the "forward subchannel" command to tell tnos to allow only one forward at a time. I did this with "forward subchannel 1 1" and checked and it showed only subchannel 1 was set out of 40 channels.

After doing this I had a disaster. Instead of the first connect doing it's thing and then the next connect starting, it just got stuck on the first connect and recalled it forever!

I am wondering if anyone else has tried this. In fact if you have not tried this please do and tell me what happened. It looks like it should work but it might be that my version 2.02p12 won't work that way or something.

I'm back forwarding to 4 bbs at exactly the same time as I used to.

73, karl k5di
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

32. Re: [BBSSIG:3471] Re: PBBS Surevy Results

From: n5pvl@texoma.net (Charles Brabham)
Date: Sat, 5 Oct 1996 20:29:34 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610060129.UAA15691@mercury.texoma.net>
Rendered body type: text/plain
>At 07:51 AM 10/5/96 -0500, you wrote:
>>Garbage in - Garbage out.
>>
> Since you have decided this survey has no validity Charles, I
>suggest you just forget it. As for myself I plan to try and improve my bbs
>from the results of the survey.
>

Well, that's a very optimistic, forward-looking attitude you have there, Karl.
Good luck.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : <http://www.texoma.com/~n5pvl>

33. Re: [BBSSIG:3465] PBBS Surevy Results

From: aa7ya@juno.com
Date: Sat, 05 Oct 1996 21:41:27 EDT
To: bbssig@tapr.org
Message-ID: <19961005.194000.8119.2.aa7ya@juno.com>
Rendered body type: text/plain
On Fri, 4 Oct 1996 14:28:07 -0500 (CDT) Marty Albert <marty@trucom.com>
writes:

>RESULTS OF PACKET RADIO BBS SURVEY
>
>JUNE - SEPTEMBER 1996
>
>by Marty Albert KC6UFM
>
>The survey consisted of 12 questions. In addition to the replies
>themselves, there was also information gathered both by the
>Internet survey page (through HTML and JAVA coding) and on
>the Packet Radio network.

If your gathering information on a PACKET survey, why did you go to the Internet (NON-Packet; ie WEB PAGES) for the majority of your results, where it could have been better spent on the intended medium... PACKET... Hence the title....

> Internet = 397 (81.19%)
> Packet = 91 (18.61%)
> US Mail = 1 (0.20%)
>
> TOTAL = 489 (100.00%)

Probably the reason for the higher number of respondents from the Internet is that there are NON-HAMS who have nothing better to do on the Internet but to respond to a survey they have no idea what it is about. Kind of reminds me of the "NOT SURE" respondents in a political poll or survey.

>(NOTE: Duplicates were handled by taking only the most recent copy and
>discarding the older replies.)

Much the same way as if you voted twice in a presidential election so that you can get a second piece of pie from the local Women's Church Group pie and coffee sale at the local voting precinct.

>COMMENTS:

>

>As can be seen, the vast majority of replies were via Internet. I
>found this interesting for two reasons: (1) The survey was about
>Packet Radio and I would have expected more interest than was
>shown by the Packet community,

My goodness, I never saw the survey at all on my BBS! I've
been operating a BBS for quite a number of years now.

>and (2) There were two people on the Internet who were pushing very
>hard to have the survey available on Packet as they felt there would be
a high
>response rate.

Did you blow them off, or did you happen, by chance, put the
survey on PACKET? If you did post it on packet, then how
come it never showed up on my system?

> F6FBB	103	(21.06%)
> W0RLI	26	(5.32%)
> AA4RE	21	(4.29%)
> MSYS	73	(14.93%)
> DOS/Windows NOS	75	(15.34%)
> Unix/Linux NOS	29	(5.93%)
> APLink	2	(0.41%)
> CBBS	0	(0.00%)
> G1NNA	0	(0.00%)
> SV7AIZ	0	(0.00%)
> TheBox	16	(3.27%)
> UFQBBS	0	(0.00%)
> WA7MBL	1	(0.20%)
> WinLink	7	(1.43%)
> XOBBS	0	(0.00%)
> Other	22	(4.50%)
> None	114	(23.31%)
>		
> TOTAL	489	(100.00%)

According to your results, NONE is higher than the
rest. Probably, as I said before, NON(E) HAMS.

Granted, ease of use, and better documentation, in good
laymen's terms should be made readily available, but
I fail to see the significance of this entire survey, most of
which involved using Internet for the gauge, and not
the intended medium which is packet.

What surprises me is that I seem to be one of few
that have stated that this survey was poorly
administered, in such a short amount of time, even
though, Internet is used for packet mail distribution,
you should have had more replies from packet, and
it doesn't take 16 days to go from one coast to the
other via packet<->Internet gateway distribution
methods, even by HF.

Yes, I too would like to see more features on BBS
software, and no, I don't intend to pay for it, since
I compile versions for my personal enjoyment,
and most of the software that is out there is not
authored by one single person alone, that would
be quite a extreme undertaking, so paying the
author would be entirely impossible, even FBB
is written by a number of SYSOP's, one of which
I know, who made FBB 7.00 with Win95
compatibility.

..

I guess I can say this, most of the survey's used, whether
political or in this case, involving packet, look to be biased,
including those who perform the survey.

>Marty Albert - marty@trucom.com

>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
Running JNOS 1.10m

others wanted to forward with you, on HF, and help bridge the gap between you and your forwarding partner, but, you didn't say anything, you just continued your ways. Stop tearing down packet radio by using other means to do packet radio, and use packet for which it is named for...

RADIO!

Since you claim to be a "seasoned" Sysop, I suggest you appear to be one, not some cop-out to the Internet, and a biased survey, which appeared to denigrate packet RADIO in favor of the Internet.

I notice you use the same signature on packet radio... What's the matter with your AX.25 packet address, are you ashamed to even put it there?

> Karl F. Larsen ---- k5di@acca.nmsu.edu ---
> http://acca.nmsu.edu/~k5di/
> -->

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
aa7ya@juno.com

36. [BBSSIG:3473] Re: PBBS Surevy Results

From: n5pvl@texoma.net (N5pvl@texoma.net)
Date: Sun, 6 Oct 1996 01:36:05 GMT
To: bbssig@tapr.org
Message-ID: <96100520483812428@phx-az.com>
Rendered body type: text/plain

From: n5pvl@texoma.net (Charles Brabham)
To: bbssig@tapr.org
Date: Sat, 5 Oct 1996 20:36:05 -0500 (CDT)
Subject: [BBSSIG:3473] Re: PBBS Surevy Results

>At 07:51 AM 10/5/96 -0500, you wrote:
>>Garbage in - Garbage out.
>>
> Since you have decided this survey has no validity Charles, I
>suggest you just forget it. As for myself I plan to try and improve my bbs
>from the results of the survey.
>

Well, that's a very optimistic, forward-looking attitude you have there, Karl.
Good luck.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : http://www.texoma.com/~n5pvl

Processed with Listserv v2.89 for Wildcat v4

37. [BBSSIG:3474] Re: PBBS Surevy Results

From: aa7ya@juno.com (Aa7ya@juno.com)
Date: Sun, 6 Oct 1996 01:57:05 GMT
To: bbssig@tapr.org
Message-ID: <96100520483712427@phx-az.com>
Rendered body type: text/plain

From: aa7ya@juno.com
To: bbssig@tapr.org
Date: Sat, 5 Oct 1996 20:57:05 -0500 (CDT)
Subject: [BBSSIG:3474] Re: PBBS Surevy Results

On Fri, 4 Oct 1996 14:28:07 -0500 (CDT) Marty Albert <marty@trucom.com>
writes:

>RESULTS OF PACKET RADIO BBS SURVEY
>
>JUNE - SEPTEMBER 1996
>
>by Marty Albert KC6UFM

>
>The survey consisted of 12 questions. In addition to the replies
>themselves, there was also information gathered both by the
>Internet survey page (through HTML and JAVA coding) and on
>the Packet Radio network.

If your gathering information on a PACKET survey, why did you go to the Internet (NON-Packet; ie WEB PAGES) for the majority of your results, where it could have been better spent on the intended medium... PACKET... Hence the title....

```
> Internet = 397 ( 81.19%)
> Packet   =  91 ( 18.61%)
> US Mail  =   1 (  0.20%)
>
> TOTAL    = 489 (100.00%)
```

Probably the reason for the higher number of respondents from the Internet is that there are NON-HAMS who have nothing better to do on the Internet but to respond to a survey they have no idea what it is about. Kind of reminds me of the "NOT SURE" respondents in a political poll or survey.

>(NOTE: Duplicates were handled by taking only the most recent copy and
>discarding the older replies.)

Much the same way as if you voted twice in a presidential election so that you can get a second piece of pie from the local Women's Church Group pie and coffee sale at the local voting precinct.

>COMMENTS:

>
>As can be seen, the vast majority of replies were via Internet. I
>found this interesting for two reasons: (1) The survey was about
>Packet Radio and I would have expected more interest than was
>shown by the Packet community,

My goodness, I never saw the survey at all on my BBS! I've been operating a BBS for quite a number of years now.

>and (2) There were two people on the Internet who were pushing very
>hard to have the survey available on Packet as they felt there would be
>a high
>response rate.

Did you blow them off, or did you happen, by chance, put the survey on PACKET? If you did post it on packet, then how come it never showed up on my system?

```
> F6FBB          103 ( 21.06%)
> W0RLI          26 (  5.32%)
> AA4RE          21 (  4.29%)
> MSYS           73 ( 14.93%)
> DOS/Windows NOS 75 ( 15.34%)
> Unix/Linux NOS  29 (  5.93%)
> APLink          2 (  0.41%)
> CBBS           0 (  0.00%)
> G1NNA           0 (  0.00%)
> SV7AIZ          0 (  0.00%)
> TheBox         16 (  3.27%)
> UFQBBS          0 (  0.00%)
> WA7MBL          1 (  0.20%)
> WinLink         7 (  1.43%)
> X0BBS           0 (  0.00%)
> Other          22 (  4.50%)
> None          114 ( 23.31%)
>
> TOTAL          489 (100.00%)
```

According to your results, NONE is higher than the rest. Probably, as I said before, NON(E) HAMS.

Granted, ease of use, and better documentation, in good laymen's terms should be made readily available, but I fail to see the significance of this entire survey, most of which involved using Internet for the gauge, and not

the intended medium which is packet.

What surprises me is that I seem to be one of few that have stated that this survey was poorly administered, in such a short amount of time, even though, Internet is used for packet mail distribution, you should have had more replies from packet, and it doesn't take 16 days to go from one coast to the other via packet->Internet gateway distribution methods, even by HF.

Yes, I too would like to see more features on BBS software, and no, I don't intend to pay for it, since I compile versions for my personal enjoyment, and most of the software that is out there is not authored by one single person alone, that would be quite a extreme undertaking, so paying the author would be entirely impossible, even FBB is written by a number of SYSOP's, one of which I know, who made FBB 7.00 with Win95 compatibility.

..
I guess I can say this, most of the survey's used, whether political or in this case, involving packet, look to be biased, including those who perform the survey.

>Marty Albert - marty@trucom.com
>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
Running JNOS 1.10m
(aa7ya@juno.com)

Processed with Listserv v2.89 for Wildcat v4

38. [BBSSIG:3475] Re: PBBS Survey Results

From: jgg@exit109.com (Jgg@exit109.com)
Date: Sun, 6 Oct 1996 03:46:13 GMT
To: bbssig@tapr.org
Message-ID: <96100522463812438@phx-az.com>
Rendered body type: text/plain

From: Jg <jgg@exit109.com>
To: bbssig@tapr.org
Date: Sat, 5 Oct 1996 22:46:13 -0500 (CDT)
Subject: [BBSSIG:3475] Re: PBBS Survey Results

At 02:28 PM 10/4/96 -0500, you wrote:

>RESULTS OF PACKET RADIO BBS SURVEY

>

>JUNE - SEPTEMBER 1996

>

>by Marty Albert KC6UFM

>

Hi Marty,

I am sorry about missing your survey, but I wanted to say one thing. For the last 6 years I have been running PRMBS (Packet Radio MailBox System by Brian Riley KA2BQE) and it has been great. I see from your survey results that no responded who was running that particular software.

If you or anyone else has any questions regarding it, please contact me.

John WT3V

WT3V @ WT3V.NJ.USA.NOAM

jgg@exit109.com

<bold><color><param>0000,8080,0000</param><bigger>John Glowacki -
WT3V

</bigger></color></bold>-----

oooO Toms River - New Jersey

() Oooo <http://www.exit109.com/~jgg/index.html>

 \ (() <http://www.exit109.com/~jgg/jsars.shtml>

 _)) / <http://www.exit109.com/~jgg/prmbs.html>

 (_/

Processed with Listserv v2.89 for Wildcat v4

39. [BBSSIG:3476] Re: PBBS Surevy Results

From: aa7ya@juno.com (Aa7ya@juno.com)
Date: Sun, 6 Oct 1996 03:46:35 GMT
To: bbssig@tapr.org
Message-ID: <96100522463812439@phx-az.com>
Rendered body type: text/plain

From: aa7ya@juno.com
To: bbssig@tapr.org
Date: Sat, 5 Oct 1996 22:46:35 -0500 (CDT)
Subject: [BBSSIG:3476] Re: PBBS Surevy Results

>
> Since you have decided this survey has no validity Charles,
> I suggest you just forget it. As for myself I plan to try and improve
> my bbs from the results of the survey.

How do you plan to do that, pray tell? You, my friend need to
look at what you have done lately ...

Pitched the radio's and TH-6 antenna, whining that you have
no RF path to a forwarding partner, and using Ma Bell to
supplement your loses. This may sound familiar, and it
should, because you raised these points (on packet) to
SYSOP@USA a month or so ago, and myself and a few
others wanted to forward with you, on HF, and help bridge
the gap between you and your forwarding partner, but,
you didn't say anything, you just continued your ways. Stop
tearing down packet radio by using other means to do
packet radio, and use packet for which it is named for...

RADIO!

Since you claim to be a "seasoned" Sysop, I suggest you
appear to be one, not some cop-out to the Internet, and
a biased survey, which appeared to denegrate packet
RADIO in favor of the Internet.

I notice you use the same signature on packet radio... What's
the matter with your AX.25 packet address, are you ashamed
to even put it there?

> Karl F. Larsen ---- k5di@acca.nmsu.edu ---
> <http://acca.nmsu.edu/~k5di/>
> -->

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
aa7ya@juno.com

40. Re: [BBSSIG:3474] Re: PBBS Surevy Results

From: "Dean R. Madsen KE0W0" <dmadsen@iastate.edu>
Date: Sun, 06 Oct 1996 02:39:34 -0500
To: bbssig@tapr.org
Message-ID: <2.2.32.19961006073934.00683c14@pop-1.iastate.edu>
Rendered body type: text/plain

>I compile versions for my personal enjoyment,
>and most of the software that is out there is not
>authored by one single person alone, that would
>be quite a extreme undertaking, so paying the
>author would be entirely impossible, even FBB
>is written by a number of SYSOP's, one of which
>I know, who made FBB 7.00 with Win95
>compatibilty.
>.

I am curious, whom do you know that was working on the WinFBB code besides JPR? I was under the impression that only JPR had the source code and was working on it...

73,
Dean - KE0W0

```
+++++
+ Dean R Madsen, KE0W0                      Computer Science Major      +
+ Internet: dmadsen@iastate.edu              Iowa State Univeristy      +
+      ke0wo@iastate.edu                     Ames, Iowa                +
+ AX25: KE0W0 @ KE0W0.#WIA.IA.USA.NA        FBB Beta tester           Cellist +
+      Secretary for the Tristate Amateur Packet Association            +
+      Treasurer for the Cyclone Amateur Radio Club                     +
+++++
```

41. TNOS version 2.20

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 6 Oct 1996 05:53:01 -0600
To: bbssig@tapr.org
Message-ID: <199610061153.FAA20646@acca.nmsu.edu>
Rendered body type: text/plain

As announced in the nos-bbs Sig, the new version of TNOS is out and as I type this it is compiling on the other computer. I read the new2tn2.20 file and it didn't sound good. Brian still lists many White Page improvements as "To Do".

But White Page support was one of the items to select as doing the pre-setting of config.h so I have hopes the new version will work as well as version 2.02p12 does for me now.

I will report the events surrounding the new version as they unfold.

karl
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

42. Re: [BBSSIG:3476] Re: PBBS Surevy Results

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 6 Oct 1996 06:03:41 -0600
To: bbssig@tapr.org
Message-ID: <199610061203.GAA20827@acca.nmsu.edu>
Rendered body type: text/plain

Stacey, I should not even respond to this. But let me just say that you have done a wonderful job of quoting what I have said out of context.

And in comment to your "how do you plan to do that, pray tell?" I plan to continue my writing of help files for users of the tnos pbbs. This may not seem like much to you, but if you learn to READ and THINK, you might see some good from the survey.

Yes it is not perfect. Yes it is biased. Yes and we all know this. This is how ALL surveys are done. Those who complain the loudest are those who didn't, for some reason answer the survey form....:)

At 10:46 PM 10/5/96 -0500, you wrote:
>>

```

>> Since you have decided this survey has no validity Charles,
>> I suggest you just forget it. As for myself I plan to try and improve
>> my bbs from the results of the survey.
>
>How do you plan to do that, pray tell? You, my friend need to
>look at what you have done lately ...
>
>Pitched the radio's and TH-6 antenna, whining that you have
>no RF path to a forwarding partner, and using Ma Bell to
>supplement your loses. This may sound familiar, and it
>should, because you raised these points (on packet) to
>SYSOP@USA a month or so ago, and myself and a few
>others wanted to forward with you, on HF, and help bridge
>the gap between you and your forwarding partner, but,
>you didn't say anything, you just continued your ways. Stop
>tearing down packet radio by using other means to do
>packet radio, and use packet for which it is named for...
>
>RADIO!
>
>Since you claim to be a "seasoned" Sysop, I suggest you
>appear to be one, not some cop-out to the Internet, and
>a biased survey, which appeared to denigrate packet
>RADIO in favor of the Internet.
>
>I notice you use the same signature on packet radio... What's
>the matter with your AX.25 packet address, are you ashamed
>to even put it there?
>
>> Karl F. Larsen ---- k5di@acca.nmsu.edu ---
>> http://acca.nmsu.edu/~k5di/
>> -->
>
>Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
> aa7ya@juno.com
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

```

43. Re: [BBSSIG:3478] Re: PBBS Surevy Results

```

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 6 Oct 1996 06:23:10 -0600
To: bbssig@tapr.org
Message-ID: <199610061223.GAA21101@acca.nmsu.edu>
Rendered body type: text/plain

```

```

At 12:11 AM 10/6/96 -0500, you wrote:
>From: aa7ya@juno.com
>To: bbssig@tapr.org
>Date: Sat, 5 Oct 1996 20:57:05 -0500 (CDT)
>Subject: [BBSSIG:3474] Re: PBBS Surevy Results

```

```

snip
>
>s, I too would like to see more features on BBS
>software, and no, I don't intend to pay for it, since
>I compile versions for my personal enjoyment,
>and most of the software that is out there is not
>authored by one single person alone, that would
>be quite a extreme undertaking, so paying the
>author would be entirely impossible, even FBB
>is written by a number of SYSOP's, one of which
>I know, who made FBB 7.00 with Win95
>compatibility.
>

```

John-Paul writes Shareware, not freeware Stacey. I sent him the \$20 he requested when I ran FBB. I notice your on Juno too. Notice how nice that juno software is? Works great and never crashes? That is quality software done by professional programmers and it cost a lot of money. It is well documented in good American English and like that.

Of course juno is "free" they say. Of course it isn't. Somebody is paying for it for you. I am nervous about that generosity. Someone is up to something.

```
..
>I guess I can say this, most of the survey's used, whether
>political or in this case, involving packet, look to be biased,
>including those who perform the survey.
>
>>Marty Albert - marty@trucom.com
>>Amateur Radio: KC6UFM@KC6UFM.#SEM0.MO.USA.NOAM
>
>Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
>Running JN0S 1.10m
>(aa7ya@juno.com)
>
>
>-----
>Processed with Listserv v2.89 for Wildcat v4
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

44. FBB / BPQ help

```
From: "B. Sinbine" <stonehvn@gate.net>
Date: Sun, 6 Oct 1996 22:32:55 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199610070232.WAA09873@ute.gate.net>
Rendered body type: text/plain
```

Hi Can anybody give me a hand??
I'm running fbb515c under BPQ. I have been running this setup using 2 DR5I cards.
This works fine.
NOW

I am trying to add a external tnc for a 9k6 port and just can't get it to work. The tnc is a PacComm tiny-2 MK2. I know that the tnc works without any problems when it is hooked up by its self using a stand alone program.

I want to use the tnc in the DED mode and just can't get it to work. If anybody is using this setup can you please send me your bpqcfg.txt file and the PORT.SYS file that you are using along with any .BAT files that I might need to look at?

Also what would be a good set of parms to use with the tnc at 9k6? This would save me a lot ov experimenting to get it to work the best it can.

As always the docs in both FBB and BPQ aren't clear on exactly how to set this up.

If anyone can help me I can send any files that you would need to try and figure this out if you were to e-mail me.

Thanks for the help

73, Bill N4XE0 @ N4XE0
stonehvn@gate.net

45. Re: [BBSSIG:3476] Re: PBBS Surevy Results

```
From: Hank Oredson <hank_oredson@MENTORG.COM>
Date: Sun, 06 Oct 1996 19:37:35 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961007033735.0067c5a8@em-wv03>
Rendered body type: text/plain
```

At 10:46 PM 10/5/96 -0500, K5DI wrote:
>>
>> Since you have decided this survey has no validity Charles,
>> I suggest you just forget it. As for myself I plan to try and improve
>> my bbs from the results of the survey.

And AA7YA responded:

```
>
>How do you plan to do that, pray tell? You, my friend need to
>look at what you have done lately ...
>
>Pitched the radio's and TH-6 antenna, whining that you have
>no RF path to a forwarding partner, and using Ma Bell to
>supplement your loses. This may sound familiar, and it
>should, because you raised these points (on packet) to
>SYSOP@USA a month or so ago, and myself and a few
```

>others wanted to forward with you, on HF, and help bridge
>the gap between you and your forwarding partner, but,
>you didn't say anything, you just continued your ways. Stop
>tearing down packet radio by using other means to do
>packet radio, and use packet for which it is named for...

Yup, I was one of those who volunteered to forward to K5DI,
using packet or CLOVER, on 40/20/15/10, any day and time,
his choice. Even said I'd create a "dedicated" link if he
was willing to use 40M.

>RADIO!

Oh yeah ... RADIO ...

I agree that the survey in question was badly flawed.
With more responses from the internet than from the radio net,
my assumption is that the survey reflects the interests of
internet users, not radio amateurs.

Such surveys could be very useful, IF they were carefully constructed
to elicit responses from the folks being surveyed.

How about a re-analysis of the results, dropping all the "via internet"
responses? How about sending the survey out over the packet radio
network again as it appears not to have made the rounds yet.

Hank Oredson - Mentor Graphics - Library Products Group
e_mail: Hank_oredson@mentorg.com
Phone: (503) 685-1325 FAX: (503) 685-1599

46. Re: PBBS Surevy Results

From: aa7ya@juno.com
Date: Mon, 07 Oct 1996 02:44:39 EDT
To: bbssig@tapr.org
Message-ID: <19961007.002829.5343.1.aa7ya@juno.com>
Rendered body type: text/plain

On Sun, 6 Oct 1996 07:25:16 -0500 (CDT) "Karl F. Larsen"
<k5di@acca.nmsu.edu> writes:

> And in comment to your "how do you plan to do that, pray
>tell?" I plan to continue my writing of help files for users of the tnos
pbbs.

All fair and good, there should be more people like you doing
that. The point that I would like to make, since you brought to
my attention that I should "READ and THINK", is that I have
thought it over, and I for one do not plan to use, and I quote
myself, since it applies, "I do not plan to use other means to
supplement my loses", what I will do however, is use the
RADIO instead of the phone. Therefore, why waste all the
time spent getting the license that I now hold, and throw
it away for something as simple as using the telephone?
Because, I don't need to use my ham license to use my
phone.

Is that so complicated? Why, then are there so many out
there that feel as if I am the root cause of all the problems,
aside of my views expressed on the survey, of destroying
packet radio? Is it because I want to help packet radio,
for what it is worth?, of course. You see, ham radio and
the Internet are two separate entities, one devoted to the
radio hobbyist, the other built many years ago, by the
US Defense Department to have a means of
communication among all of its various branches during
the cold war. What is so laughable is that, there are
those that think that the Internet is ham radio, when in
reality, it isn't.

Sad but true, the DOD "invented the wheel", before anyone
in ham radio invented the TNC. We as hams are losing
the battle to develop new technologies, and the hobby
"fell off the turnip wagon two miles back."

>>Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
>> aa7ya@juno.com

47. Re: PBBS Surevy Results

From: aa7ya@juno.com
Date: Mon, 07 Oct 1996 02:44:39 EDT
To: bbssig@tapr.org
Message-ID: <19961007.002828.5343.0.aa7ya@juno.com>
Rendered body type: text/plain

> snip
>>
>> I too would like to see more features on BBS
>>software, and no, I don't intend to pay for it, since
>>I compile versions for my personal enjoyment,
>>and most of the software that is out there is not
>>authored by one single person alone, that would
>>be quite a extreme undertaking, so paying the
>>author would be entirely impossible, even FBB
>>is written by a number of SYSOP's, one of which
>>I know, who made FBB 7.00 with Win95
>>compatibility.
>>
> John-Paul writes Shareware, not freeware Stacey. I sent him
>the \$20 he requested when I ran FBB. I notice your on Juno too. Notice
how
>nice that juno software is? Works great and never crashes? That is
quality
>software done by professional programmers and it cost a lot of money. It
is
>well documented in good American English and like that.

I don't care if Jean-Paul wrote this or Jean-Paul wrote that, the point
I made was that not a single person can ever work on thousand
upon thousand lines of code, just like what I have been doing, albeit
in a small scale since most of the code has been written already,
but it is not for the faint at heart, and I am always up to the
challenge,
and no one pays me for what hair remains on the top of my head.

>>I guess I can say this, most of the survey's used, whether
>>political or in this case, involving packet, look to be biased,
>>including those who perform the survey.

Notice I didn't say " all of the survey's ", all is more than most,
so one could assume that I excluded Marty. Besides the point,
what I say may sound different to someone else, it just depends
on how the wording in my sentence "reads" to another person.

One other thing, I learned that in Journalism School, you cannot
write how you talk in normal conversation, and you cannot talk in
a manner of how you write. There are some people that have
mastered both to an advantage, that I envy.

>>Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
>>Running JNOS 1.10m
>>(aa7ya@juno.com)

48. FW: [BBSSIG:3476] Re: PBBS Surevy Results

From: Gwyn Reedy <gwyn@paccomm.com>
Date: Mon, 7 Oct 1996 06:37:35 -0400
To: "'bbssig@tapr.org'" <bbssig@tapr.org>
Message-ID: <01BBB41A.07D6FD20@gwyn.paccomm.com>
Rendered body type: text/plain

Barry, looks like you've got another 'screamer.'

From: aa7ya@juno.com[SMTP:aa7ya@juno.com]
Sent: Saturday, October 05, 1996 6:46 PM
To: bbssig@tapr.org
Subject: [BBSSIG:3476] Re: PBBS Surevy Results

>
> Since you have decided this survey has no validity Charles,
> I suggest you just forget it. As for myself I plan to try and improve
> my bbs from the results of the survey.

How do you plan to do that, pray tell? You, my friend need to
look at what you have done lately ...

Pitched the radio's and TH-6 antenna, whining that you have no RF path to a forwarding partner, and using Ma Bell to supplement your losses. This may sound familiar, and it should, because you raised these points (on packet) to SYSOP@USA a month or so ago, and myself and a few others wanted to forward with you, on HF, and help bridge the gap between you and your forwarding partner, but, you didn't say anything, you just continued your ways. Stop tearing down packet radio by using other means to do packet radio, and use packet for which it is named for...

RADIO!

Since you claim to be a "seasoned" Sysop, I suggest you appear to be one, not some cop-out to the Internet, and a biased survey, which appeared to denigrate packet RADIO in favor of the Internet.

I notice you use the same signature on packet radio... What's the matter with your AX.25 packet address, are you ashamed to even put it there?

> Karl F. Larsen ---- k5di@acca.nmsu.edu ---
> http://acca.nmsu.edu/~k5di/
> -->

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
aa7ya@juno.com

49. Re: [BBSSIG:3485] FBB / BPQ help

From: KB6ZVP@aol.com
Date: Mon, 7 Oct 1996 08:59:38 -0400
To: bbssig@tapr.org
Message-ID: <961007085937_327406325@emout14.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-10-06 22:58:40 EDT, you write:

>> I am trying to add a external tnc for a 9k6 port and just can't get it to work.
>> The tnc is a PacComm tiny-2 MK2. I know that the tnc works without any
>> problems when it is hooked up by its self using a stand alone program.

>> I want to use the tnc in the DED mode and just can't get it to work.
>> If anybody is using this setup can you please send me your bpqcfg.txt file and
>> the PORT.SYS file that you are using along with any .BAT files that I might need
>> to look at?

> I have a PacComm Tiny 2 MK-2, and after several months of struggling to get it to work, I switched to using it in the KISS Mode. FBB will often go into resync when using DED, trying to capture the TNC. The link to the TNC will fail about once a day and FBB will lock up and the computer will die. By switching to the KISS mode and running the BPQ switch, I no longer have the crashes and FBB has run for over two months without a crash.

Enclosed is my BPQ.CFG and attached is my PORT.SYS files for your review. I hope this helps.

Also you should have your INITTNC1.SYS file correct for BPQ to work properly. Here is mine:

A1
R0
UMAIL
M1
N1

It is my understanding that one should only have one INITTNC.sys file. I, however, have two: One for BPQ, and one for the Landline modem. All works well here.

I run WinFBB v7.00a (BBS), WiSP (Satellite Program), Satgate (Satellite Gateway Node), and Windows 95. My computer is a 486DX4-120 with 32 megs of RAM.

73 - Mark, kb6zvp@aol.com

; For Version 4.08


```

;
;       Note that the bit about needing a port param in connects is only
;       necessary if you are running more than one (radio) port.
;
;
INFOMSG:
KB6ZVP's Packet Switch in Linden, North Carolina. (FM05NF)
Commands are basically the same as NET/ROM, but to connect to another
normal station (not another node), you must specify a port number before
the callsign. Use PORTS command to list available ports. The BBS command
connects you to the associated Mailbox (KB6ZVP).
***
;
;       CTEXT - Normally will only be sent when someone connects to
;       the NODE ALIAS at level 2. If FULL_CTEXT is set to 1, it
;       will be sent to all connectees. Note that this could confuse BBS
;       forwarding connect scripts.
;
;
CTEXT:
Welcome to KB6ZVP's Packet Switch in Linden, North Carolina.
Type ? for list of available commands.
***

FULL_CTEXT=0                ; SEND CTEXT ONLY TO L2 CONNECTEES TO ALIAS

;       Network System Parameters
;
OBSINIT=5                   ; INITIAL OBSOLESCENCE VALUE
OBSMIN=4                    ; MINIMUM TO BROADCAST
NODESINTERVAL=30            ; 'NODES' INTERVAL IN MINS
IDINTERVAL=15               ; 'ID' BROADCAST INTERVAL (UK Regs require
;                           ; an AX25 ID every 15 mins)
;
BTINTERVAL=0                ; NO BEACONS

L3TIMETOLIVE=25             ; MAX L3 HOPS
L4RETRIES=3                 ; LEVEL 4 RETRY COUNT
;
;       I have seen suggestions that L4TIMEOUT should be increased to very
;       high values (even as long as seven mins). Although 60 may be a bit
;       short in some cases, I STRONGLY advise that you don't go much above
;       120 secs unless you understand ALL the implications.
;
;       I've set TTL and TIMEOUT to the values agreed by the latest SYSOPS
;       meeting - this does not imply that I agree with them!
;
L4TIMEOUT=120               ; LEVEL 4 TIMEOUT
L4DELAY=10                  ; LEVEL 4 DELAYED ACK TIMER
L4WINDOW=4                  ; DEFAULT LEVEL 4 WINDOW
;
MAXLINKS=30                 ; MAX LEVEL 2 LINKS (UP,DOWN AND INTERNODE)
MAXNODES=120                ; MAX NODES IN SYSTEM
MAXROUTES=35                ; MAX ADJACENT NODES
MAXCIRCUITS=64              ; NUMBER OF L4 CIRCUITS
MINQUAL=10                  ; MINIMUM QUALITY TO ADD TO NODES TABLE

BBSQUAL=30                  ; BBS Quality relative to NODE - used to
;                           ; limit 'spread' of BBS through the network
;                           ; to your required service area. I've been
;                           ; asked to set a low default to encourage you
;                           ; to think about a suitable value. Max is 255

BUFFERS=255                 ; PACKET BUFFERS - 255 MEANS ALLOCATE AS MANY
;                           ; AS POSSIBLE - NORMALLY ABOUT 130, DEPENDING
;                           ; ON OTHER TABLE SIZES

;
;       TNC DEFAULT PARAMS
;
;
PACLEN=120                  ; MAX PACKET SIZE
;
;       PACLEN is a problem! The ideal size depends on the link(s) over
;       which a packet will be sent. For a session involving another node,
;       we have no idea what is at the far end. Ideally each node should have
;       the capability to combine and then refragment messages to suit each
;       link segment - maybe when there are more of my nodes about than 'real'
;       ones, I'll do it. When the node is accessed directly, things are a
;       bit easier, as we know at least something about the link. So, from
;       Version 3.11 onwards, there are two PACLEN params, one here and
;       one in the PORTS section. This one is used to set the initial value
;       for sessions via other nodes, and for sessions initiated from here.

```



```

; The other is used for incoming direct (Level 2) sessions. In all cases
; the TNC PACLEN command can be used to override the defaults.
;
; The main reason for changing this now was a request from someone
; wanting to run an HF port.
;
;
;
TRANSDelay=1                ; TRANSPARENT MODE SEND DELAY - 1 SEC
;
; Level 2 Parameters
;
; T1, T2 and N2 are now int the PORTS section
;
T3=180                      ; LINK VALIDATION TIMER (3 MINS)
;
IDLETIME=900                ; IDLE LINK SHUTDOWN TIMER (15 MINS)
;
;
; Configuration Options
;
BBS=1                       ; INCLUDE BBS SUPPORT
NODE=1                      ; INCLUDE SWITCH SUPPORT
;
HIDENODES=0                 ; IF SET TO 1, NODES STARTING WITH # WILL
;                           ; ONLY BE DISPLAYED BY A NODES * COMMAND
;
; THE *** LINKED COMMAND IS INTENDED FOR USE BY GATEWAY SOFTWARE, AND
; CONCERN HAS BEEN EXPRESSED THAT IT COULD BE MISUSED. I RECOMMEND THAT
; IT IS DISABLED IF NOT NEEDED.
;
ENABLE_LINKED=Y             ; CONTROLS PROCESSING OF *** LINKED COMMAND
;                           ; Y ALLOWS UNRESTRICTED USE
;                           ; A ALLOWS USE BY APPLICATION PROGRAM
;                           ; N (OR ANY OTHER VALUE) DISABLE
;
;
;
; 'COMBIOS' Port definitions.
;
; This section defines the virtual TNC's that the code supports.
;
; The basic format is:
;
; TNCPORT
;   COM=n                ; COMBIOS port number
;   APPLMASK=nn          ; Defaults to 1 (BBS)
;   APPLFLAGS=nn         ; Defaults to 6
; ENDPORT
;
; See APPLS.DOC for details on use of APPLFLAGS and APPLMASK
;
; Only TNC2 applications are supported through this interface.
; For information on using KISS or DEDHOST applications, see file
; DRIVERS.DOC
;
; Dont try to define more than 16 ports.
;
;
TNCPORT
COM=4
ENDPORT
;
;
; TNCPORT
; COM=3
; APPLFLAGS=4           ; NO 'CONNECTED' TO USERS
; ENDPORT
;
;
;
; AX25 PORT DEFINITIONS
;
; These define the external links - normally to radios, but possibly
; to other computers, modems, etc.
;
; The hardware type and protocol are now defined separately, but
; at the moment only a limited number of combinations are possible
;

```

```
;
; Interrupt levels may be shared by any cards with suitable
; hardware. Examples are all but the earliest DRSI cards, and
; a MS400 modified as described by AA4RE in his MBBIOS documentation.
;
; There is a significant overhead in using the shared interrupt
; feature - try to use it on relatively low speed links, and
; wath out for TX underruns/RX overuns.
;
;
; See file PORTS.DOC for full details of available paramters.
;
; Note that all timer values are in ms intervals. Most TNC's
; use different units for the various timers, so be careful!
;
; The timings are all derived from the PC's timer interrupt,
; who's frequency is about 18.2 HZ, so the resolution is only to
; approx 50ms.
;
```

PORT

```
PORTNUM=1
ID=FAY LAN (145.750)
TYPE=ASYNC
PROTOCOL=KISS
IOADDR=2E8H
INTLEVEL=7
SPEED=9600
CHANNEL=A
QUALITY=10
MAXFRAME=2
TXDELAY=500
SLOTTIME=1
PERSIST=255
FULLDUP=0
FRACK=7000
RESPTIME=500
RETRIES=10
PACLEN=120
```

ENDPORT

ROUTES:

```
;
; ROUTES TO LOCK IN
;
; specify Callsign, Quality and Port. You can now also specify
; MAXFRAME, FRACK, PACLEN (in that order) to override the port
; defaults.
;
;
; KC4WPG-1,30,10
; KC4WPG-2,30,10
; ***
;
; APPLICATIONS SUPPORTED
;
; UP TO 8 ENTRIES OF UP TO 12 BYTES EACH
;
; THE FIRST 3 ARE RESERVED FOR BBS, HOST, AND REMOTE SYSOP - YOU
; CAN DEFINE THE OTHERS AS YOU LIKE.
;
; FOR COMPATIBILITY WITH EARLIER VERSIONS, JUST ENTER
; APPLICATIONS=BBS
;
; NAMES STARTING WITH * ARE NOT INCLUDED IN 'VALID COMMANDS' DISPLA
;
; APPLICATIONS=BBS/C KB6ZVP,*,*SYS
;
; NOTE THAT THE LAST ITEM CREATES A 'COMMAND ALIAS'. IF THE USER
; ENTERS 'CHAT' THIS IS CONVERTED BY THE SWITCH TO 'C NMCHAT'. THE
; TOTAL LENGTH OF THE PAIR CANNOT EXCEED 15 BYTES
;
; [Attachment: PORT.SYS; text/plain; 2.469 bytes]
```

50. Re: [BBSSIG:3486] Re: PBBS Surevy Results

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 7 Oct 1996 07:12:20 -0600

To: bbssig@tapr.org
Message-ID: <199610071312.HAA21550@acca.nmsu.edu>
Rendered body type: text/plain

Hi Hank. It will do no good. There has NEVER been an unbiased poll before and I don't see how doing it again will help. If you do it on packet Hank you limit the responses to people on packet at that time. This is a strong bias!

At 09:42 PM 10/6/96 -0500, you wrote:
>At 10:46 PM 10/5/96 -0500, K5DI wrote:
>>>
>>> Since you have decided this survey has no validity Charles,
>>> I suggest you just forget it. As for myself I plan to try and improve
>>> my bbs from the results of the survey.
>
>And AA7YA responded:
>
>>
>>How do you plan to do that, pray tell? You, my friend need to
>>look at what you have done lately ...
>>
>>Pitched the radio's and TH-6 antenna, whining that you have
>>no RF path to a forwarding partner, and using Ma Bell to
>>supplement your loses. This may sound familiar, and it
>>should, because you raised these points (on packet) to
>>SYSOP@USA a month or so ago, and myself and a few
>>others wanted to forward with you, on HF, and help bridge
>>the gap between you and your forwarding partner, but,
>>you didn't say anything, you just continued your ways. Stop
>>tearing down packet radio by using other means to do
>>packet radio, and use packet for which it is named for...
>
>Yup, I was one of those who volunteered to forward to K5DI,
>using packet or CLOVER, on 40/20/15/10, any day and time,
>his choice. Even said I'd create a "dedicated" link if he
>was willing to use 40M.
>
>>RADIO!
>
>Oh yeah ... RADIO ...
>
>I agree that the survey in question was badly flawed.
>With more responses from the internet than from the radio net,
>my assumption is that the survey reflects the interests of
>internet users, not radio amateurs.
>
>Such surveys could be very useful, IF they were carefully constructed
>to elicit responses from the folks being surveyed.
>
>How about a re-analysis of the results, dropping all the "via internet"
>responses? How about sending the survey out over the packet radio
>network again as it appears not to have made the rounds yet.
>
>----
>Hank Oredson - Mentor Graphics - Library Products Group
>e_mail: Hank_oredson@mentorg.com
>Phone: (503) 685-1325 FAX: (503) 685-1599
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

51. Re: [BBSSIG:3485] FBB / BPQ help

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 7 Oct 1996 08:31:21 -0600
To: bbssig@tapr.org
Message-ID: <199610071431.IAA23105@acca.nmsu.edu>
Rendered body type: text/plain

Bill, why don't you just do what I did 3 years ago when I needed to attach a 9k6 Tiny-2 Pac Comm tnc to my FBB 5.15c bbs.

Get a KISS e-prom from TAPR or me or somewhere and make the tnc be a kiss mode tnc. You can do this temporary using the normal e-prom in kiss mode but the newer kiss is better.

Now look at the BPQ file "ports.txt" and copy the KISS Port example

from that file to your own bpqcfg.txt file. Now set it up to work over the proper comm port in your computer.

Now connect your tnc to the com port you defined and turn the computer off and then back on.

If all went well you are now back up with a new route on your BPQ node and you can adjust the forward.sys in FBB to forward over the 9k6 link.

Sounds too simple, but that's the HUGE power of the BPQ switch.

karl

At 09:41 PM 10/6/96 -0500, you wrote:

```
>
>
>
>
>
>
>
>Hi Can anybody give me a hand??
>I'm running fbb515c under BPQ. I have been running this setup using 2 DRSI
>cards.
>This works fine.
>NOW
>
>I am trying to add a external tnc for a 9k6 port and just can't get it to work.
>The tnc is a PacComm tiny-2 MK2. I know that the tnc works without any
>problems
>when it is hooked up by its self using a stand alone program.
>
>I want to use the tnc in the DED mode and just can't get it to work.
>If anybody is using this setup can you please send me your bpqcfg.txt file and
>the PORT.SYS file that you are using along with any .BAT files that I might
>need
>to look at?
>
>Also what would be a good set of parms to use with the tnc at 9k6? This would
>save me a lot of experimenting to get it to work the best it can.
>
>As always the docs in both FBB and BPQ aren't clear on exactly how to set this
>up.
>
>If anyone can help me I can send any files that you would need to try and
>figure
>this out if you were to e-mail me.
>
>Thanks for the help
>
>73, Bill N4XE0 @ N4XE0
>    stonehvn@gate.net
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

52. Re: [BBSSIG:3488] Re: PBBS Surevy Results

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 7 Oct 1996 08:54:28 -0600
To: bbssig@tapr.org
Message-ID: <199610071454.IAA23692@acca.nmsu.edu>
Rendered body type: text/plain

At 01:59 AM 10/7/96 -0500, you wrote:

```
>
>>      snip
>>>
>>> I too would like to see more features on BBS
>>> software, and no, I don't intend to pay for it, since
>>
```

Yes, the written word comes out as harse, when you mean just a "normal" tone. I think we should look to our common interests. I see your running JNOS of an older than new version. I ran JNOS for 5 years and net before that. Yesterday I compiled TNOS version brand new 2.20 and it's now my pbbs and Remi, f6cnb has fixed his FBB version 7.0 and I am sending him a weekend worth of mail and he is sending me tons of bulletins.

Marty, the fellow who ran the survey is a professional programmer and he told me where my thinking had gone way off track! It was my insistence that Brian Lantz who is doing TNOS should tell us how it works!!!! In fact I have paid Brian zero money for his efforts at making TNOS which he must enjoy, since he does it for free. But Brian hates to make long winded and clear written documentation of his software.

So I learned to either make the software do what I want it to do or get something else. I might try some morthida on Brian but I don't have enough money to make it work...:-)

Marty also said that software done by many code writers working in there spare time alone are not going to write commercial grade software. And the documentation, if any, will be suspect. But it's free.

With all this said, I think what we need is more ham spirit. Ham radio is changing with time. In the olden days we had Elmers who lived just a few miles away and came over and helped the new ham get going. Today who needs an Elmer? We buy the radios and computers and antenna's which work right out of the box. Packet software is the exception. It is free or shareware and we should not be surprised when it is not perfect.

When packet matures and someone decides to write commercial grade packet software for a price, then we can open the box and bitch if it does not work.

```
>One other thing, I learned that in Journalism School, you cannot
>write how you talk in normal conversation, and you cannot talk in
>a manner of how you write. There are some people that have
>mastered both to an advantage, that I envy.
>
>>>Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
>>>Running JNOS 1.10m
>>>(aa7ya@juno.com)
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

53. Re: [BBSSIG:3491] Re: PBBS Surevy Results

From: Greg Jones <wd5ivd@tapr.org>
Date: Mon, 7 Oct 1996 11:53:50 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610071653.LAA05967@tapr.org>
Rendered body type: text/plain

Sorry Karl, but there are methods and procedures to allow either a qualitative approach (which Marty's survey resembles) or a quantitative approach to the collection of non-biased data and analysis.

Either is not a simple undertaking to do it scientifically, since it takes more than one person doing it and requires money, time, and a certain expertise to the discipline and subject to really generate valid results.

The information that Marty posted was more qualitative in scope. The insights he posted where his and we must keep in mind that with qualitative results that each individual must read the information and then decide their own results. If someone else comes to a different conclusion or what they think is 'truth' concerning the results that is fine-- because each individual holds a different background of experiences which makes the interpretation of the information unique. The key basic concept to this type of research is that results for a group of data collected can NEVER be taken to represent the whole of the community.

Thus the data collected by Marty only represented the information gathered from the people who participated in the survey. Everyone who tries to make the survey reflect some global community trends or overall collective whole falls prey of trying to shift research paradigms.

I think what Marty did was very good and it does help give an insight into the people that responded back to the survey. To really make the analysis richer, someone needs to call a sample of the participants (there are methods to select them) and follow up in order to get better closure on some of the areas in question. The writing up of these interviews and adding them to the numbers alone would allow a much better interpretation of the data and assist readers in finding their thoughts.

Cheers - Greg, WD5IVD

```

>
>      Hi Hank. It will do no good. There has NEVER been an unbiased poll
> before and I don't see how doing it again will help. If you do it on packet
> Hank you limit the responses to people on packet at that time. This is a
> strong bias!
>
>
>
>
> At 09:42 PM 10/6/96 -0500, you wrote:
> >At 10:46 PM 10/5/96 -0500, K5DI wrote:
> >>>
> >>>      Since you have decided this survey has no validity Charles,
> >>> I suggest you just forget it. As for myself I plan to try and improve
> >>> my bbs from the results of the survey.
> >
> >And AA7YA responded:
> >
> >>
> >>How do you plan to do that, pray tell? You, my friend need to
> >>look at what you have done lately ...
> >>
> >>Pitched the radio's and TH-6 antenna, whining that you have
> >>no RF path to a forwarding partner, and using Ma Bell to
> >>supplement your loses. This may sound familiar, and it
> >>should, because you raised these points (on packet) to
> >>SYSOP@USA a month or so ago, and myself and a few
> >>others wanted to forward with you, on HF, and help bridge
> >>the gap between you and your forwarding partner, but,
> >>you didn't say anything, you just continued your ways. Stop
> >>tearing down packet radio by using other means to do
> >>packet radio, and use packet for which it is named for...
> >
> >Yup, I was one of those who volunteered to forward to K5DI,
> >using packet or CLOVER, on 40/20/15/10, any day and time,
> >his choice. Even said I'd create a "dedicated" link if he
> >was willing to use 40M.
> >
> >>RADIO!
> >
> >Oh yeah ... RADIO ...
> >
> >I agree that the survey in question was badly flawed.
> >With more responses from the internet than from the radio net,
> >my assumption is that the survey reflects the interests of
> >internet users, not radio amateurs.
> >
> >>Such surveys could be very useful, IF they were carefully constructed
> >>to elicit responses from the folks being surveyed.
> >
> >>How about a re-analysis of the results, dropping all the "via internet"
> >>responses? How about sending the survey out over the packet radio
> >>network again as it appears not to have made the rounds yet.
> >
> >----
> >Hank Oredson - Mentor Graphics - Library Products Group
> >e_mail: Hank_oredson@mentorg.com
> >Phone: (503) 685-1325 FAX: (503) 685-1599
> >
> >
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>

```

54. Re: [BBSSIG:3494] Re: PBBS Surevy Results

```

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 7 Oct 1996 13:32:22 -0600
To: bbssig@tapr.org
Message-ID: <199610071932.NAA03375@acca.nmsu.edu>
Rendered body type: text/plain

```

```

At 12:33 PM 10/7/96 -0500, you wrote:
>Sorry Karl, but there are methods and procedures to allow either a
>qualitative approach (which Marty's survey resembles) or a quantitative
>approach to the collection of non-biased data and analysis.
>
>Either is not a simple undertaking to do it scientifically, since it takes

```

>more than one person doing it and requires money, time, and a certain
>expertise to the discipline and subject to really generate valid results.

>

snip

I bow to your PHD thesis writing Greg that there are best ways to gather and analyse data and those were not used. So I nodded to the results which showed, for instance that MSYS was preferred over TNOS by 13.87%. That result is "in the noise" as we EE talk. The result that 90% of the responders wanted good user documentation is a result not in the noise.

And since it re-inforced what I had just decided was a needed task I embraced the result. I was biased.

So we are not much further ahead of where we started. We have a poll that many do not believe. And a few want to believe.

karl

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

55. Re: [BBSSIG:3495] Re: PBBS Surevy Results

From: Greg Jones <wd5ivd@tapr.org>
Date: Mon, 7 Oct 1996 15:22:21 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610072022.PAA18826@tapr.org>
Rendered body type: text/plain

>

> I bow to your PHD thesis writing Greg that there are best ways to
> gather and analyse data and those were not used. So I nodded to the results
> which showed, for instance that MSYS was preferred over TNOS by 13.87%. That
> result is "in the noise" as we EE talk. The result that 90% of the
> responders wanted good user documentation is a result not in the noise.

I think you missed my point. You personally think the MSYS vs TNOS number is incorrect. There is neither a correct or incorrect number with surveys of this type. The data is the data. We have to accept that the respondents to this survey as having this number of % feeling towards usage of systems.

I found it of interest. Is it relevant to me -- somewhat. Gives me a good snap shot to what people expect. I am thinking that BBS sysops are going to be a key aspect of the upcoming high-speed radio servers which TAPR is going to be doing in the next year...like user access speeds fo 100Kbps+ for around \$400 (radios/modem/interface) just add computer and TCP/IP. 256Kbps+ radios shortly after that -- all in the works right now...probably announce something in the Spring PSR before Dayton.

With these radios, we are talking about local access to services...not accessing a node stack that then allows you to communicate someplace else to the service. The BBS sysops are those services now and allow spread out connection on most parts of the US. Like Dallas has several spaced pretty well to be used for local access and then use the existing TexNet (high alt) sites to link these stations at 256K+ speeds to talk to each other and to there probabl Internet connection or whatever.

Just thinking out loud -- little more work to do on the TAPR Intranet.

>

> So we are not much further ahead of where we started. We have a poll
> that many do not believe. And a few want to believe.

I believe the results -- because I don't doubt the trustworthness of Marty. If this was something I was reviewing professionally, I would expect a well defined statement of the standard proofs for this type of research -- but I think what Marty did was at least good work.

How can we dispute the numbers ? Since the numbers only reflect the people who responded...nothing more. You can't take the numbers as representing the whole of BBS sysops. (I'll try not to repeat that again :-)

Like I mentioned to Barry, if the SIG would like to do something again like what Marty has already done and see if the numbers change -- you can never beat longitudinal studies. Why doesn't the group work out a survey and TAPR can then mail it to all BBS sysops (someone would have to check our database entries we have now against the current list from Headers ?) We could mail it out to everyone and then let them fax or mail their survey back or answer an electronic version of it -- but just allow those who received a survey. If anyone wanted to contact the TAPR office and request a survey that might not be on the original mailing -- we could easily mail out additional ones.

I'll let Barry run with this one.

I think the gorup shoud ask Marty to be involved with this one as well to some extent.

Cheers - Greg

56. Re: [BBSSIG:3489] FW: Re: PBBS Surevy Results

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>
Date: Tue, 8 Oct 1996 08:17:31 +1200
To: bbssig@tapr.org, bbssig@tapr.org
Message-ID: <325aaf6d.z12tze@z12tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi,

To those that want to pull each other apart on this SIG how about doing it somewhere else..

I for 1 am SICK of it, I I would have it at a guess that MANY others are as well..

It is becoming a school play ground !!

73 Phillip ZL2TZE

--

Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@z12tze.mlb.planet.gen.nz

57. Re: [BBSSIG:3497] Re: FW: Re: PBBS Surevy Results

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 07 Oct 1996 14:44:51 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961007224451.0067ef30@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 04:11 PM 10/7/96 -0500, you wrote:

>

>Hi,

> To those that want to pull each other apart on this SIG how about doing
>it somewhere else..

I think you misunderstand open discussion for "pulling apart" ...

There are folks here who like to discuss various issues, and they may not always agree. If you do not happen to approve of the tone, style, etc. of the postings you find here, I would suggest that you stop reading them - then you will not be bothered by them. Different people have different presentation style, and that's the way things are.

>I for 1 am SICK of it, I I would have it at a guess that MANY others are as
>well..

And I, for one, am sick of the whiners complaining about tone, style, presentation. Get on with the discussion and stop whining.

>It is becoming a school play ground !!

As you have just shown.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

58. Re: [BBSSIG:3496] Re: PBBS Surevy Results

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 7 Oct 1996 16:03:27 -0600
To: bbssig@tapr.org
Message-ID: <199610072203.QAA11070@acca.nmsu.edu>
Rendered body type: text/plain

At 03:37 PM 10/7/96 -0500, you wrote:

>>

>> I bow to your PHD thesis writing Greg that there are best ways to
>> gather and analyse data and those were not used. So I nodded to the results
>> which showed, for instance that MSYS was preferred over TNOS by 13.87%. That
>> result is "in the noise" as we EE talk. The result that 90% of the

>> responders wanted good user documentation is a result not in the noise.
>
>I think you missed my point. You personally think the MSYS vs TNOS number
>is incorrect. There is neither a correct or incorrect number with surveys
>of this type. The data is the data. We have to accept that the respondents
>to this survey as having this number of % feeling towards usage of systems.
>
>I found it of interest. Is it relevant to me -- somewhat. Gives me a good
>snap shot to what people expect. I am thinking that BBS sysops are going to
>be a key aspect of the upcoming high-speed radio servers which TAPR is
>going to be doing in the next year...like user access speeds fo 100Kbps+ for
>around \$400 (radios/modem/interface) just add computer and TCP/IP. 256Kbps+
>radios shortly after that -- all in the works right now...probably announce
>something in the Spring PSR before Dayton.
>
>With these radios, we are talking about local access to services...not
>accessing a node stack that then allows you to communicate someplace else to
>the service. The BBS sysops are those services now and allow spread oput
>connection on most parts of the US. Like Dallas has several spaced pretty
>well to be used for local acccess and then use the existing TexNet (high
>alt) sites to link these statiosn at 256K+ speeds to talk to each other and
>to there probabl Internet connection or whatever.
>
>Just thinking out loud -- little more work to do on the TAPR Intranet.
>
Just listening and nodding....

>> So we are not much further ahead of where we started. We have a poll
>> that many do not believe. And a few want to believe.
>
>I believe the results -- becuase I don't doubt the trustworthness of Marty.
>If this was something I was reviewing professionally, I would expect a well
>defined statement d the standard proofs for this type of research -- but I
>think what Marty did was at least good work.

Yes, me too.

>
>How can we dispute the numbers ? Since the numbers only reflect the people
>who responded...nothing more. You can't take the numbers as representing
>the whole of BBS sysops. (I'll try not to repeate that again :-)

It never will until EVERY sysop is polled and answers the well
designed set of questions.

>
>Like I mentioned to Barry, if the SIG would like to do something again like
>what Marty has already done and see if the numbers change -- you can never
>beat longitudinal studies. Why doesn;t the group work out a survey and TAPR
>can then mail it to all BBS sysops (someone would have to check our database
>entries we have now against the current list from Headers ?) We could mail
>it out to everyone and then let them fax or mail their survey back or answer
>an electronic version of it -- but just allow those who received a survey.
>If anyone wanted to contact the TAPR office and request a survey that might
>not be on the original mailing -- we could easily mail out additional ones.
>
>I'll let Barry run with this one.

The bias this time will be that only TAPR members were polled....so
why not send out a series of 5 question messages via packet.

>
>I think the gorup shoud ask Marty to be involved with this one as well to
>some extent.
>
>Cheers - Greg
>

Marty started this thing so he is an important part.
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

59. Re: [BBSSIG:3490] Re: FBB / BPQ help

From: Mark <mharloff@spacetechn.com>
Date: Mon, 07 Oct 1996 18:21:32 -0400
To: bbssig@tapr.org
Message-ID: <3259826C.252D@spacetechn.com>
Rendered body type: text/plain

Bill,

Mark KB6ZVP has a good suggestion about running the Tiny(s) in the KISS mode w/BPQ. I ran that configuration here for about a year with excellent results. Then, I picked up another link to the North of me and decided to go to X1J4 and a matrix ring. I am still running BPQ to interface the BBS to the ring and ALL is well !! In fact, if the BBS is down for maintenance (or whatever!), the links remain up for usage by others. If you need any further assistance on setup of BPQ for KISS mode tnc's drop me a note, be glad to confuse you and myself!

(sorry for the delay in responding, I had difficulty finding your message among the "survey" deluge...Geesh, doesn't seem to be much room here to talk about tech. things :())

73, Mark / KB2TXP @KB2TXP.#WNY.NY.USA.NOAM

60. New help for tnos

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 7 Oct 1996 17:45:40 -0600
To: bbssig@tapr.org
Message-ID: <199610072345.RAA14849@acca.nmsu.edu>
Rendered body type: text/plain

TNOS Improvements

The entire time I have used TNOS I have had a problem with the pbbs forwarding to 4 bbs at EXACTLY the same time. when the bbs is busy and I have something for each of them it resulted in at least one connect failing due to the qrm from the other 3 connects!

Someone said, turn off the forward timer and use the 'at' command to cause forwards at different times. That sounded like it would work, but it didn't. The problem seemed to be that a forward 'at' would occur at just the wrong time and TNOS would crash.

Next it was SUBCHANNELS. I read that if I gave all 4 forwards the same subchannel and then set that subchannel to allow only 1 forward it would do just what I wanted. It would forward to the bbs #1 and when done it would forward to bbs #2, and like that. The problem is that instead of going to bb #2, it just kept calling bbs #1 forever!

Now it is MINIDLE. The docs are normal, terse and ambiguous. But I read about it in the file new2tn2.20 and using my gateway yesterday I got the file tnosfwd.txt from Brian's TNOS server. Between them I said to set the forward timer to a small interval and then set the MINIDLE = in each forward.bbs section to a different value.

I thought about that and decided it should work. I drew myself a timing chart. I plotted forward timer with the 4 MINIDLE values selected. It was a long chart but it showed that with the following settings the forwards will never occur at the same time!

Forward timer	720 seconds (12 minutes)
bbs number	MINIDLE setting
1	30 minutes
2	40 "
3	50 "
4	60 "

Sure enough at this time it looks real good. I need to forward like this and I sometimes have 4 forwards going, but they were all started at different times. The bbs are all being forwarded to and it is much less hectic!

So choose your MINIDLE times long like 30 to 50 minutes and make the forward timer short like 10-12 minutes and you will have forwards start one at a time all day and all night. Below is a sample of my forward.bbs file. It shows how MINIDLE is used:

```
[kc5izt]
if TIME = 0001-2359
MINIDLE = 2400
CONNECT = n amtn
POLL = NO
TRIES = 1
SCRIPT = {
SEND c 2 kc5izt-3
WAIT 30 Connected
SEND c kc5izt
WAIT 30 Connected
```

```
}
AREAS = {
kc5izt
ka5jnj
include /nos/mine/bulls
}
ENDif
-----
```

So go get the new TNOS, version 2.20 and compile it and use MINIDLE to tame your forward time problems.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

61. Re: [BBSSIG:3499] Re: PBBS Surevy Results

From: Greg Jones <wd5ivd@tapr.org>
Date: Mon, 7 Oct 1996 19:56:04 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610080056.TAA02436@tapr.org>
Rendered body type: text/plain

```
>
> >
> >Like I mentioned to Barry, if the SIG would like to do something again like
> >what Marty has already done and see if the numbers change -- you can never
> >beat longitudinal studies. Why doesn;t the group work out a survey and TAPR
> >can then mail it to all BBS sysops (someone would have to check our database
> >entries we have now against the current list from Headers ?) We could mail
> >it out to everyone and then let them fax or mail their survey back or answer
> >an electronic version of it -- but just allow those who received a survey.
> >If anyone wanted to contact the TAPR office and request a survey that might
> >not be on the original mailing -- we could easily mail out additional ones.
> >
> >I'll let Barry run with this one.
>
> The bias this time will be that only TAPR members were polled....so
> why not send out a series of 5 question messages via packet.
```

Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide right now in the database, which is about 3 years old. Someone would need to check that against a current RHEADER collected list or something else.

What I said again was that TAPR could do the bulk mailing to all BBS SYSOPS nation wide by US Mail. Packet would be great -- but getting something in the mail will probably be looked at more than a message to SYSOP at ALL USA. A lot of the sysops I know look at there machine a few times a week and don't hardly read all the messages anymore. They keep there system going as a service.

Anyway -- I'll let Barry carry on with a potential nation wide mailing.

Greg

62. Reminder

From: Barry Buelow WA0RJT <barry@ia.net>
Date: Mon, 7 Oct 1996 20:56:02 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610080156.UAA24527@zeus.ia.net>
Rendered body type: text/plain

Seems that some have short memories.

The purpose of the BBSSIG is to assist fellow Sysops with technical problems and generally be a forum for conducting discussions of a supportive nature.

If you find that you are unable to confine your remarks to these rather simple rules, then please refrain from posting.

73 Barry

63. Re: [BBSSIG:3490] Re: FBB / BPQ help

From: "B. Sinbine" <stonehvn@gate.net>
Date: Mon, 7 Oct 1996 22:30:12 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199610080230.WAA04493@ute.gate.net>
Rendered body type: text/plain

[Empty message body]

64. Re: [BBSSIG:3502] Re: PBBS Surevy Results

From: "Ralph T. Stetson, III KD1R" <rstetson@crossnet.org>
Date: Mon, 07 Oct 96 23:15:18 -0500
To: "bbssig@tapr.org" <bbssig@tapr.org>
Message-ID: <199610080111.UAA10028@hlc.hlc.net>
Rendered body type: text/plain

-- [From: Ralph T. Stetson, III KD1R * EMC.Ver #2.5.02] --

----- REPLY, Original message follows -----

> Date: Monday, 07-Oct-96 08:14 PM
>
> From: Greg Jones \ Internet: (wd5ivd@tapr.org)

> Subject: [BBSSIG:3502] Re: PBBS Surevy Results
>
<Big Snip>
>
> What I said again was that TAPR could do the bulk mailing to all BBS
SYSOPS
> nation wide by US Mail. Packet would be great -- but getting something in
the
> mail will probably be looked at more than a message to SYSOP at ALL USA. A
lot
> of the sysops I know look at there machine a few times a week and don't
hardly
> read all the messages anymore. They keep there system going as a service.

I keep my system running because I enjoy it....Personaly I have stopped
reading the SYSOP@USA it has become very hard to sift the grain from the
chaff of BS that seems to abound...I would like very much to see just such a
mailing go out to ALL Sysops in The US...at the very least...Perhaps at the
same time we could ask our brothers and sisters around the world to do
likewise.....Costs not withstanding.....

I have manages to obtain a few hints of help here and there...
Could we please have a rational discussion of just why JNOS is so damned
good...besides the I said so folks....

Lastly I gues I am in the minority of folks who have not seen the original
posting of the fabled survey....either here on the internet or via
traditional packet routes...I do have my filter set to show me these types
of messages.

vy 73 all
Ralph Stetson KD1R - Been a Sysop now since 1984 Just a new Kid here...

..
kd1r@kd1r.#nwvt.vt.usa.noam
rstetson@crossnet.org

--

The past is our Heritage.
The present is our Responsibility.
The future is our Challenge.

65. Re: KB6ZVP reply to: Re: FBB / BPQ help

From: N5RKN@aol.com
Date: Mon, 7 Oct 1996 23:32:29 -0400
To: bbssig@tapr.org
Message-ID: <961007233228_121264675@emout16.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-10-07 10:40:57 EDT, you write:

<< FBB will often go
into resync when using DED, trying to capture the TNC. The link to the TNC
will fail about once a day and FBB will lock up and the computer will die.
By switching to the KISS mode and running the BPQ switch, I no longer have
the crashes and FBB has run for over two months without a crash. >>

Now this interests me. I've been suffering erratic lockups for two years
through
different motherboards and 2 different versions of FBB. I've changed power
supply,
and most everything else I can think of. I have even reloaded FBB and
associated
files. I was down to believing it might be related to a power dropout or

minor surge
that was glitching the computer. It's disheartening to come home and find
the
bbs locked up with nothing showing on the screen to indicate why. Plenty of
memory and no one connected.
I'm running 8 meg of ram, a 486/dx40 with 2 HD's, 1 cdrom, tape backup, 2
DRSI's
(one is a 1 port, the other 2 port). 2 master II's & one Yaesu 220 radio.
(3 ports in
all) FBB runs with BPQ. Both Buckmaster & QRZ callbooks are online.
For the most part, the bbs under FBB has acted and performed flawlessly for
nearly
3 years. But, the lockups are sporadic. I went 4 months without a single
lockup,
then suddenly one a day. Three last Saturday, but none Sunday. Must be a
religious computer. (hi).
You're comment on the lockup problem intrigues me. I'll have to
investigate
further.
Thanks, Robert sysop N5RKN West Texas

66. Re: [BBSSIG:3504] Re: FBB / BPQ help

From: "robert e. kennedy" <ke4hsb@apex.net>
Date: Mon, 7 Oct 1996 22:53:01 -0500
To: bbssig@tapr.org
Message-ID: <199610080353.WAA31340@apex.apex.net>
Rendered body type: text/plain

WHAT IS THAT??????????

At 09:29 PM 10/7/96 -0500, you wrote:

>
>

73 BOB KENNEDY KE4HSB.#WKY.KY.USA.NOAM
204 BUFFALO ST.
BENTON, KY. 42025
EMAIL KE4HSB@APEX.NET

67. Re: Re: PBBS Surevy Results

From: "Charles E. Gelm" <gelmce@erinet.com>
Date: Tue, 08 Oct 1996 07:06:14 -0700
To: bbssig@tapr.org
Message-ID: <325A5FD6.1F19@erinet.com>
Rendered body type: text/plain

>

> >I for 1 am SICK of it, I I would have it at a guess that MANY others are as
> >well..

Howdy, All:

The 'Juno.com attach' thread got somewhat tiring, but I am reading
with interest the intense discussion of 'Re: PBBS Survey'.

I suggest another survey during the last quarter of this year,
October - December 1996, so that we might see and discuss trends.

I suggest we charge \$5 for whining. Uh, wait a second, would this
cost me \$5 right off the bat?

Regards, Chuck

68. Re: [BBSSIG:3507] Re: FBB / BPQ help

From: KB6ZVP@aol.com
Date: Tue, 8 Oct 1996 09:19:22 -0400
To: bbssig@tapr.org
Message-ID: <961008091921_538850791@emout04.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-10-08 00:27:49 EDT, you write:

<< WHAT IS THAT??????????

At 09:29 PM 10/7/96 -0500, you wrote:

>
>

73 BOB KENNEDY KE4HSB.#WKY.KY.USA.NOAM
204 BUFFALO ST.

>>

What is what, Bob?

69. Re: [BBSSIG:3502] Re: PBBS Surevy Results

From: "John S. Burningham" <john.burningham@worldnet.att.net>
Date: Tue, 08 Oct 1996 10:01:05 -0400
To: bbssig@tapr.org
Message-ID: <325A5EA1.DE9@worldnet.att.net>
Rendered body type: text/plain

Greg Jones wrote:

>
> >
> > >
> > >Like I mentioned to Barry, if the SIG would like to do something again like
> > >what Marty has already done and see if the numbers change -- you can never
> > >beat longitudinal studies. Why doesn't the group work out a survey and TAPR
> > >can then mail it to all BBS sysops (someone would have to check our database
> > >entries we have now against the current list from Headers ?) We could mail
> > >it out to everyone and then let them fax or mail their survey back or answer
> > >an electronic version of it -- but just allow those who received a survey.
> > >If anyone wanted to contact the TAPR office and request a survey that might
> > >not be on the original mailing -- we could easily mail out additional ones.
> > >
> > >I'll let Barry run with this one.
> >
> > The bias this time will be that only TAPR members were polled....so
> > why not send out a series of 5 question messages via packet.
>
> Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide
> right now in the database, which is about 3 years old. Someone would need
> to check that against a current RHEADER collected list or something else.
>
> What I said again was that TAPR could do the bulk mailing to all BBS SYSOPS
> nation wide by US Mail. Packet would be great -- but getting something in
> the mail will probably be looked at more than a message to SYSOP at ALL USA.
> A lot of the sysops I know look at their machine a few times a week and
> don't hardly read all the messages anymore. They keep their system going as
> a service.
>
> Anyway -- I'll let Barry carry on with a potential nation wide mailing.
>
> Greg

If you guys want a valid study, you need to randomly sample the population, NOT send it to everyone. Your main problem would be obtaining/constructing a list of the population, then it would be easy to determine the number of samples necessary for the study. If the population is biased you start with, the conclusions reached are only valid against that population. You can NOT use statistics on the population, only samples of a population.

70. Re: [BBSSIG:3502] Re: PBBS Surevy Results

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Tue, 08 Oct 1996 09:59:04 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961008175904.00665b98@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 08:14 PM 10/7/96 -0500, you wrote:

>Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide
>right now in the database, which is about 3 years old. Someone would need
>to check that against a current RHEADER collected list or something else.

The WP database at N6IYA contains all BBS systems from which messages have been seen, for the past year.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

71. Re: [BBSSIG:3510] Re: PBBS Surevy Results

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Tue, 08 Oct 1996 10:09:03 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961008180903.0068150c@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 09:13 AM 10/8/96 -0500, you wrote:

>If you guys want a valid study, you need to randomly sample the
>population, NOT send it to everyone. You main problem would be
>obtaining/constructing a list of the population, then it would be easy
>to determine the number of samples necessary for the study. If the
>population is bias you start with, the conclusions reached are only
>valid against that population. You can NOT use statistics on the
>population, only samples of a population.

Forgot to mention: the WP database data is available in a format
that can be directly imported into an Excel spreadsheet or an Access
database. I'm sure John (N6IYA) would be glad to make it available
to TAPR for this use.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

72. Re: [BBSSIG:3510] Re: PBBS Surevy Results

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 8 Oct 1996 14:14:19 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610081914.OAA18632@tapr.org>
Rendered body type: text/plain

> If you guys want a valid study, you need to randomly sample the
> population, NOT send it to everyone. You main problem would be
> obtaining/constructing a list of the population, then it would be easy
> to determine the number of samples necessary for the study. If the
> population is bias you start with, the conclusions reached are only
> valid against that population. You can NOT use statistics on the
> population, only samples of a population.

Valid is an interesting question. What is valid. If you come from a
quantitative, positivistic research paradigm, then you would want a strictly
scientific method. The issue is that there are more than one wrench to use
on the nut in question. I believe that either a qualitative method or more
probably a mixed-method approach will better yield richer answers in this
case. Quantitative methods used in scientific testing of elements and the
like can't tell you more after you have collected the information. This is
missing a big part of the human equation in the study.

It can be said that the frequent aim of positivistic science is prediction
and control. But prediction and control cannot be accomplished without
something on which to base predictions or formulate controlling actions.
Thus, the generalization is a corner stone statement. That is to say,
generalizations are what is always and everywhere the case, provided only
that the appropriate conditions are satisfied. The quantitative
(positivistic) method assumes that a correctly taken sample using correct
methods will always generalize to the whole. I disagree that in this case a
survey sent to a sample of BBS sysops would result in any type of
generalization. If we were studying message flow and size, then a
quantitative method would be called for.

However, in this case, we should look at three steps. Design a
questionnaire that asks questions that we want answered in order to see what
BBS sysops think about the question area we are trying to find an answer to
(see below). Then collect that information. From that analysis we then
formulate a purposeful sample of the respondents to call up and interview
about their survey to get in depth answers in order to flush out the
information from the analysis of the survey (this is a mixed method approach
-- using both quantitative and qualitative). In this manner, the
questionnaire is used to determine the group that gets interviewed, after
the results of the questionnaire emerge from the analysis. The emergent
process is very important to eliminating the issues relating to both bias
and validity.

The other reason I think we should do this method over a strictly
positivistic approach is that it should be inclusive in nature -- as much as
we can make. It seems that much of the issues related to Marty's survey was
the size and method of selection of the respondents. I don't think anyone

can fault something that is attempted to be mailed to every BBS operate in the US -- around 1500 maybe ?

I think the first question the BBS SIG has to answer is "What are we trying to answer ?" What question or issue ? Besides just doing a demographic study of BBS SYSOPS, what is it we really want to find out from the research ? What you are interested in finding out determines eventually what research method should be used and what testing you do on the survey to determine the correctness of the questions to counter for either culture or other bias that could appear from the asking of the questions.

If the issues with Marty's survey was that you just didn't like the numbers -- then I am not sure how valid that is as a research question. However, if we really want to find out what BBS sysops are thinking about their systems and what they think the future of BBS operations is -- then that is something that can be answered.

If you disagreed with Marty's survey result, then I would just assume under a non-positivistic paradigm that you have had experiences different from Marty's thus you see the data and its results in a different light. The results from a qualitative design takes advantage that the person reading the results will relate the information to their context. As I stated earlier, generalization of the data to the whole can not be accomplished. What we can generate is something that people can read and then relate to from their constructed environments (a little Vogtsky constructionist theory here).

Food for thought.

We could always do both approaches :-) Would be easy to do -- if someone wanted to tackle the quantitative approach.

Cheers - Greg, WD5IVD

73. Re: [BBSSIG:3511] Re: PBBS Surevy Results

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 8 Oct 1996 14:25:19 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610081925.OAA19033@tapr.org>
Rendered body type: text/plain

That is what we used last time. I wrote some code that took that information, generated the address information and then eliminated those people already in the TAPR database.

If someone can send me that list again currently -- I can take the time to run it through the process again. Dave Wolf provided it the last time -- he was BBS Chair at the time.

Greg

>
> >Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide
> >right now in the database, which is about 3 years old. Someone would need
> >to check that against a current RHEADER collected list or something else.
>
> The WP database at N6IYA contains all BBS systems from which messages
> have been seen, for the past year.
>
> Hank Oredson @ Mentor Graphics Library Operations
> Internet : hank_oredson@mentorg.com "Parts 'R Us!"
> Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>
>

74. Re: [BBSSIG:3511] Re: PBBS Surevy Results

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 8 Oct 1996 14:28:20 -0600
To: bbssig@tapr.org
Message-ID: <199610082028.OAA15034@acca.nmsu.edu>
Rendered body type: text/plain

At 12:02 PM 10/8/96 -0500, you wrote:

>At 08:14 PM 10/7/96 -0500, you wrote:

>
>>Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide
>>right now in the database, which is about 3 years old. Someone would need
>>to check that against a current RHEADER collected list or something else.
>

>The WP database at N6IYA contains all BBS systems from which messages
>have been seen, for the past year.
>
 That's right Hank! You should be able to merge the N6IYA data with a
bucmaster callbook and, holding your mouth right, come up with a mailing list.

 I don't know how to do that. Do you?

>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

75. Re: [BBSSIG:3515] Re: PBBS Surevy Results

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Tue, 08 Oct 1996 15:19:03 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961008231903.0068aab8@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 03:32 PM 10/8/96 -0500, you wrote:
>At 12:02 PM 10/8/96 -0500, you wrote:
>>At 08:14 PM 10/7/96 -0500, you wrote:
>>
>>>Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide
>>>right now in the database, which is about 3 years old. Someone would need
>>>to check that against a current RHEADER collected list or something else.
>>
>>The WP database at N6IYA contains all BBS systems from which messages
>>have been seen, for the past year.
>>
> That's right Hank! You should be able to merge the N6IYA data with a
>bucmaster callbook and, holding your mouth right, come up with a mailing list.
>
> I don't know how to do that. Do you?

Nope ... don't do mailing list kind of things, so not knowledgable
about how the appropriate applications need to find their data.

Creating the base lists (calls, addresses from callsign database)
should be fairly easy.

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

76. Re: [BBSSIG:3515] Re: PBBS Surevy Results

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 8 Oct 1996 17:32:20 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610082232.RAA26497@tapr.org>
Rendered body type: text/plain

I do -- can someone ftp the access version to the bbs sig upload area and
then we can all get hold of it as we need to.

Cheers - Greg

>
> At 12:02 PM 10/8/96 -0500, you wrote:
> >At 08:14 PM 10/7/96 -0500, you wrote:
> >
> >>Where did I say TAPR members ? We have a list of BBS SYSOPS nation wide
> >>right now in the database, which is about 3 years old. Someone would need
> >>to check that against a current RHEADER collected list or something else.
> >
> >The WP database at N6IYA contains all BBS systems from which messages
> >have been seen, for the past year.
> >
> That's right Hank! You should be able to merge the N6IYA data with a
> bucmaster callbook and, holding your mouth right, come up with a mailing list.
>
> I don't know how to do that. Do you?

>
>
>
> >Hank Oredson @ Mentor Graphics Library Operations
> >Internet : hank_oredson@mentor.com "Parts 'R Us!"
> >Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
> >
> >
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>

77. Re: [BBSSIG:3506] Re: KB6ZVP reply to: Re: FBB / BPQ help

From: "B. Sinbine" <stonehvn@gate.net>
Date: Tue, 8 Oct 1996 23:01:43 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199610090301.XAA01988@ute.gate.net>
Rendered body type: text/plain

On Mon, 7 Oct 1996, N5RKN@aol.com wrote:
>In a message dated 96-10-07 10:40:57 EDT, you write:
>
><< FBB will often go
> into resync when using DED, trying to capture the TNC. The link to the TNC
> will fail about once a day and FBB will lock up and the computer will die.
> By switching to the KISS mode and running the BPQ switch, I no longer have
> the crashes and FBB has run for over two months without a crash. >>
>
>Now this interests me. I've been suffering erratic lockups for two years
>through
>different motherboards and 2 different versions of FBB. I've changed power
>supply,
>and most everything else I can think of. I have even reloaded FBB and
>associated
>files. I was down to believing it might be related to a power dropout or
>minor surge
>that was glitching the computer. It's disheartening to come home and find
>the
>bbs locked up with nothing showing on the screen to indicate why. Plenty of
>memory and no one connected.
> I'm running 8 meg of ram, a 486/dx40 with 2 HD's, 1 cdrom, tape backup, 2
>DRSI's
>(one is a 1 port, the other 2 port). 2 master II's & one Yaesu 220 radio.
> (3 ports in
>all) FBB runs with BPQ. Both Buckmaster & QRZ callbooks are online.
> For the most part, the bbs under FBB has acted and performed flawlessly for
>nearly
>3 years. But, the lockups are sporadic. I went 4 months without a single
>lockup,
>then suddenly one a day. Three last Saturday, but none Sunday. Must be a
>religious computer. (hi).
> You're comment on the lockup problem intrigues me. I'll have to
>investigate
>further.
> Thanks, Robert sysop N5RKN West Texas

Hi Robert

Well I was the one that first asked the question about fbb and bpq.
The problem that I was having was trying to run a external tnc running
under wa8ded. I switched the tnc to kiss mode and it came right up and ran.
I also run DRSI cards. I have had NO problem with fbb/bpq and DRSI!
If you would like to look at my files I would be more than happy to send them to
you. The one thing that I got into a habit of doing was to do my housekeeping
manually instead of letting the system do it its self.
The only time that I have had any problems is when the message flow is very
large and I get 200-300 new messages in and dump 200-300 messages at the same
time. The problem was that the hard drive would get so fraged up that I would
need to optimize it more often. Thats why I started to just do it by hand.
I run scandisk every day just to make sure and I haven't had ANY problems since
I started to do it this way. Give it a try...

73, Bill N4XE0 @ N4XE0
stonehvn@gate.net

78. Re: [BBSSIG:3513] Re: PBBS Surevy Results

From: "John S. Burningham" <john.burningham@worldnet.att.net>
Date: Tue, 08 Oct 1996 23:42:17 -0400
To: bbssig@tapr.org

Greg Jones wrote:

>
> > If you guys want a valid study, you need to randomly sample the
> > population, NOT send it to everyone. Your main problem would be
> > obtaining/constructing a list of the population, then it would be easy
> > to determine the number of samples necessary for the study. If the
> > population is biased you start with, the conclusions reached are only
> > valid against that population. You can NOT use statistics on the
> > population, only samples of a population.
>
> Valid is an interesting question. What is valid. If you come from a
> quantitative, positivistic research paradigm, then you would want a strictly
> scientific method. The issue is that there are more than one wrench to use
> on the nut in question. I believe that either a qualitative method or more
> probably a mixed-method approach will better yield richer answers in this
> case. Quantitative methods used in scientific testing of elements and the
> like can't tell you more after you have collected the information. This is
> missing a big part of the human equation in the study.
>
> It can be said that the frequent aim of positivistic science is prediction
> and control. But prediction and control cannot be accomplished without
> something on which to base predictions or formulate controlling actions.
> Thus, the generalization is a corner stone statement. That is to say,
> generalizations are what is always and everywhere the case, provided only
> that the appropriate conditions are satisfied. The quantitative
> (positivistic) method assumes that a correctly taken sample using correct
> methods will always generalize to the whole. I disagree that in this case a
> survey sent to a sample of BBS sysops would result in any type of
> generalization. If we were studying message flow and size, then a
> quantitative method would be called for.
>
> However, in this case, we should look at three steps. Design a
> questionnaire that asks questions that we want answered in order to see what
> BBS sysops think about the question area we are trying to find an answer to
> (see below). Then collect that information. From that analysis we then
> formulate a purposeful sample of the respondents to call up and interview
> about their survey to get in depth answers in order to flush out the
> information from the analysis of the survey (this is a mixed method approach
> -- using both quantitative and qualitative). In this manner, the
> questionnaire is used to determine the group that gets interviewed, after
> the results of the questionnaire emerge from the analysis. The emergent
> process is very important to eliminating the issues relating to both bias
> and validity.
>
> The other reason I think we should do this method over a strictly
> positivistic approach is that it should be inclusive in nature -- as much as
> we can make. It seems that much of the issues related to Marty's survey was
> the size and method of selection of the respondents. I don't think anyone
> can fault something that is attempted to be mailed to every BBS operator in
> the US -- around 1500 maybe ?
>
> I think the first question the BBS SIG has to answer is "What are we trying
> to answer ?" What question or issue ? Besides just doing a demographic
> study of BBS SYSOPS, what is it we really want to find out from the research
> ? What you are interested in finding out determines eventually what
> research method should be used and what testing you do on the survey to
> determine the correctness of the questions to counter for either culture or
> other bias that could appear from the asking of the questions.
>
> If the issues with Marty's survey was that you just didn't like the numbers
> -- then I am not sure how valid that is as a research question. However, if
> we really want to find out what BBS sysops are thinking about their systems
> and what they think the future of BBS operations is -- then that is
> something that can be answered.
>
> If you disagreed with Marty's survey result, then I would just assume under
> a non-positivistic paradigm that you have had experiences different from
> Marty's thus you see the data and its results in a different light. The
> results from a qualitative design takes advantage that the person reading
> the results will relate the information to their context. As I stated
> earlier, generalization of the data to the whole can not be accomplished.
> What we can generate is something that people can read and then relate to
> from their constructed environments (a little Vogtsky constructionist theory
> here).
>
> Food for thought.
>

> We could always do both approaches :-) Would be easy to do -- if someone
> wanted to tackle the quantitative approach.
>
> Cheers - Greg, WD5IVD

You and I are spending too much time in school, just wait until you are working on a second Ph.D or a third Master's (my goal is three of each before I die and to be able to pass a 13 wpm code test).

79. Intended survey

From: INFOPLAN.IPLAN10.LOUISK@capeSMTP_gw.iplan.co.za
Date: Wed, 09 Oct 1996 09:01:07 +0200
To: bbssig@tapr.org
Message-ID: <s25bc66b.003@capeSMTP_gw.iplan.co.za>
Rendered body type: text/plain

I am prepared to act as the local convenor for ZAF/AF, that is to say if you would like to have it distributed in that area.

Messages to Sysops addressed as SP Sysop@xxx, currently contains too much junk and the worthwhile ones get passed over. Information overload or rotten apples in the basket spreading the happiness.

Around here, I would mail it via packet to each and everyone addressed to him personally. Maybe other hams could do the same on a per area basis. That would ensure the highest response, but not a 100% return. There are also other factors that could influence a person not to fill in the survey. The reason why is an area which could obtain the one that finds it and what the influence to responses received is, something like a Nobel prize or two. For instance, the Sysops who don't like to fill out these questionnaires could be in fact all users of a particular program. The program could be just attractive to that type of person.

Regarding a survey and the deductions made: One gets lies, damned lies and statistics. I would also have done a few of the integrity tests on the data to see if the data by itself show some problems.

Back to the technical stuff, have any of the NOS's so far started using compressed forwarding and resume approach? I played a bit with KA9Q's NOS and Wampes NOS. We came to the conclusion that the general speed of our network (1200) is inadequate for NOS.

73's Louis, ZR6ABC.

80. Re: [BBSSIG:3520] Intended survey

From: "KB8AST" <kb8ast@rush.MWWEB.COM>
Date: Wed, 09 Oct 96 08:54:06 PDT
To: bbssig@tapr.org
Message-ID: <MAPI.Id.0016.00623861737420203030303630303036@MAPI.to.RFC822>
Rendered body type: text/plain

>Messages to Sysops addressed as SP Sysop@xxx, currently
>contains too much junk and the worthwhile ones get passed over.
>Around here, I would mail it via packet to each and everyone >addressed to him personally.
>73's Louis, ZR6ABC.

I agree with Louis. There is too much SP SYSOP junk now. And most of it, although the sender thinks it is important, could be better restricted in its distribution...or sent out so everyone could read it. A message warning about a virus sent to SYSOP should go out so everyone could peruse it if they wished.

It is a proven theory, short messages get read, long messages get deleted. When the new survey is ready, send short messages to particular known sysops to see if they want to participate. Then send the survey after they respond with a "Yes, I will participate."

I know one PBBS author who won't read SP SYSOP message, but will respond to a personal message

GRIDSQ --- EN91kr

May you have the pleasure of participating in a challenging existence..
73 from G. R. (Bob) Merchant in Perry Twp, Lake County, Ohio

Packet --- kb8ast.#neoh.oh.usa.na
ampr.org --- kb8ast@geaugasw.ampr.org

> It appears the SYSOP @ WW is overlooked now days due to the large
> amount of traffic this field attracts..
>
> 1 point on this pending survey , Would it not be best aimed at
> current BBS Sysops ?
>
> 73 Phillip ZL2TZE
> --
>Phillip Conza
>AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
>E-Mail private phil@zl2tze.mlb.planet.gen.nz
>
>
73 cu Ron"KD4AMS"

84. Transfer internet data to fbb-bbs

From: Ronald Oblinger <ronald@cyberstreet.com>
Date: Wed, 09 Oct 1996 18:36:38 -0400
To: bbssig@tapr.org
Message-ID: <2.2.32.19961009223638.006847dc@mail.cyberstreet.com>
Rendered body type: text/plain

I saw this question asked the other day and have been waiting to see an answer.
I know this is done routinely but I don't know how. It would be a great service
to my bbs users. Thank you.Sysop kd4ams@kf4hfr
73 cu Ron"KD4AMS"

85. Error starting server

From: INFOPLAN.IPLAN10.LOUISK@cape_smtp_gw.iplan.co.za
Date: Thu, 10 Oct 1996 08:28:10 +0200
To: bbssig@tapr.org
Message-ID: <s25cd073.002@cape_smtp_gw.iplan.co.za>
Rendered body type: text/plain

Rick,

>I'm having problems with the Multi.exe server, please help me. It was
>running just fine untill last Sunday when I added an HF port to my "vhf
>only" BBS. I'm using TNC2 (two of them, one hf and one on vhf) in KISS
>with BPQ switch software. After installing the HF port the trouble
>began. Now everytime a user puts in a message (actually, just after he
>saves it) for the Multi it just sends "Error starting server MULTI.EXE".

The one reason for that problem is that by adding a port you decreased
you free memory to the extent that the program could not be started. The
other one which I also experienced is that it seems that after a very
active period, the memory becomes too fragmented too start an external
program.

In the first case you can play around with your FILES= and BUFFER= in
your config.sys files, especially the buffer=. Then you can also look at
the overlays and TSRs. The latter you can try to loadhigh, but becareful
some of them does not function very well when loaded high. The start
and run there, but then at a certain stage they just bring your system
down.

In the second case I just reboot the PC, not restart the program. I
suspect that it is something that DOS cannot do, not FBB. If I just restart
the program it still keep on giving that same message. I am considering
using CRON.SYS to one a week just reboot the whole PC.

73's de Louis, ZR6ABC.

86. Re: [BBSSIG:3525] Transfer internet data to fbb-bbs

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 10 Oct 1996 07:04:33 -0600
To: bbssig@tapr.org
Message-ID: <199610101304.HAA18402@acca.nmsu.edu>
Rendered body type: text/plain

The way I did it for years was to send a pkzipped file of messages
that were forwarded to a file by FBB, to the guy you are forwarding with. He
takes that file and pkunzips it and renames it "mail.in" and puts it in the
/fbb directory and FBB like magic reads that file and enters it into the bbs
mail file.

karl

At 05:57 PM 10/9/96 -0500, you wrote:
>I saw this question asked the other day and have been waiting to see an answer.
>I know this is done routinely but I don't know how. It would be a great service
>to my bbs users. Thank you.Sysop kd4ams@kf4hfr
>73 cu Ron"KD4AMS"
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

87. Re: [BBSSIG:3527] Re: Transfer internet data to fbb-bbs

From: rcombden@ATCON.COM (Ron Combden)
Date: Thu, 10 Oct 1996 20:34:54 -0300 (ADT)
To: bbssig@tapr.org
Message-ID: <199610102334.UAA25413@auth.atcon.com>
Rendered body type: text/plain

can you send a sample of how this is done ?
what you would need to export to .
and what files would need info change in them to do so on both ends
thks ron vo1rz
> The way I did it for years was to send a pkzipped file of messages
>that were forwarded to a file by FBB, to the guy you are forwarding with. He
>takes that file and pkunzips it and renames it "mail.in" and puts it in the
>/fbb directory and FBB like magic reads that file and enters it into the bbs
>mail file.
>
>karl
>
>
>At 05:57 PM 10/9/96 -0500, you wrote:
>>I saw this question asked the other day and have been waiting to see an
answer.
>>I know this is done routinely but I don't know how. It would be a great
service
>>to my bbs users. Thank you.Sysop kd4ams@kf4hfr
>>73 cu Ron"KD4AMS"
>>
>>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->
>
>
>

88. Re: [BBSSIG:3527] Re: Transfer internet data to fbb-bbs

From: Ronald Oblinger <ronald@cyberstreet.com>
Date: Thu, 10 Oct 1996 20:01:46 -0400
To: bbssig@tapr.org
Message-ID: <325D8E6A.643D@cyberstreet.com>
Rendered body type: text/plain

Karl F. Larsen wrote:
>
> The way I did it for years was to send a pkzipped file of messages
> that were forwarded to a file by FBB, to the guy you are forwarding with. He
> takes that file and pkunzips it and renames it "mail.in" and puts it in the
> /fbb directory and FBB like magic reads that file and enters it into the bbs
> mail file.
>
> karl
>
> At 05:57 PM 10/9/96 -0500, you wrote:
> >I saw this question asked the other day and have been waiting to see an answer.
> >I know this is done routinely but I don't know how. It would be a great service
> >to my bbs users. Thank you.Sysop kd4ams@kf4hfr
> >73 cu Ron"KD4AMS"
> >
> >
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->
Thanks Karl - that rings a bell. Will give it a try. ron/73

89. Re: [BBSSIG:3529] Re: Transfer internet data to fbb-bbs

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>
Date: Fri, 11 Oct 1996 16:36:39 +1200
To: bbssig@tapr.org
Message-ID: <325f4675.z12tze@z12tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi Ron and others,

I do what you are looking for from DOS.. Yes I use FBB Dos Version 5.15c and a Dos mailer to do all the work , there is little sysop work needed.

I suggest you get a copy of Pegasus or Waffle Mailer (I use Pegasus) and then look at different ways of writing batch files ..

I do all my E-Mail forwarding twice daily at FBB House keep 1 Batch file containing several other batch files ..

I don't have this fully operational at the moment I still have manual IMPORT but this is about to change..

You will need the BEST M_FILTER you can get your hands on I run MULTI with 2 M_FILTER Dean,s KE0WO 960909 ? and Laurence's G7AYI M_FILTER , but I have renamed this for my use here..

You will also need a LARGE REJECT.SYS

You will need to get pegasus working first so that you can connect to your ISP once this is done this is half the battle..

I haven't yet documented what I am using but once I have it ALL working I intend to do just that, write it all up so that others may use it as well.

Will also include a small program that detects Time etc ..

```
>
>      The way I did it for years was to send a pkzipped file of messages
> that were forwarded to a file by FBB, to the guy you are forwarding with. He
> takes that file and pkunzips it and renames it "mail.in" and puts it in the
> /fbb directory and FBB like magic reads that file and enters it into the bbs
> mail file.
>
> karl
>
> At 05:57 PM 10/9/96 -0500, you wrote:
> >I saw this question asked the other day and have been waiting to see an answer.
> >I know this is done routinely but I don't know how. It would be a great service
> >to my bbs users. Thank you.Sysop kd4ams@kf4hfr
> >73 cu Ron"KD4AMS"
> >
> >
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
Thanks Karl - that rings a bell. Will give it a try.          ron/73
```

73 Phillip ZL2TZE--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz

90. Re: [BBSSIG:3530] Re: Transfer internet data to fbb-bbs

From: Ronald Oblinger <ronald@cyberstreet.com>
Date: Fri, 11 Oct 1996 10:36:28 -0400
To: bbssig@tapr.org
Message-ID: <325E5B6C.7D24@cyberstreet.com>
Rendered body type: text/plain

Phillip Conza wrote:

```
>
> Hi Ron and others,
>      I do what you are looking for from DOS.. Yes I use FBB Dos Version
> 5.15c and a Dos mailer to do all the work , there is little sysop work needed.
>
> I suggest you get a copy of Pegasus or Waffle Mailer ( I use Pegasus ) and
> then look at different ways of writing batch files ..
>
> I do all my E-Mail forwarding twice daily at FBB House keep 1 Batch file
> containing several other batch files ..
>
> I don't have this fully operational at the moment I still have manual IMPORT
> but this is about to change..
>
> You will need the BEST M_FILTER you can get your hands on I run MULTI with 2
> M_FILTER Dean,s KE0WO 960909 ? and Laurence's G7AYI M_FILTER , but I have
> renamed this for my use here..
>
> You will also need a LARGE REJECT.SYS
>
```



```

> You will need to get pegasus working first so that you can connect to your ISP
> once this is done this is half the battle..
>
> I haven't yet documented what I am using but once I have it ALL working I
> intend to do just that, write it all up so that others may use it as well.
>
> Will also include a small program that detects Time etc ..
>
> >
> > The way I did it for years was to send a pkzipped file of messages
> > that were forwarded to a file by FBB, to the guy you are forwarding with. He
> > takes that file and pkunzips it and renames it "mail.in" and puts it in the
> > /fbb directory and FBB like magic reads that file and enters it into the bbs
> > mail file.
> >
> > karl
> >
> > At 05:57 PM 10/9/96 -0500, you wrote:
> > >I saw this question asked the other day and have been waiting to see an answer.
> > >I know this is done routinely but I don't know how. It would be a great service
> > >to my bbs users. Thank you.Sysop kd4ams@kf4hfr
> > >73 cu Ron"KD4AMS"
> > >
> > >
> > > Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
> Thanks Karl - that rings a bell. Will give it a try. ron/73
>
> 73 Phillip ZL2TZE--
> Phillip Conza
> AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
> E-Mail private phil@zl2tze.mlb.planet.gen.nz

```

Phillip : Thank you for your advice. Seems like a lot of work but I imagine setting up is the biggest chore. Thanks again - now I have something to go to work on.

91. TNOS version 2.20

```

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Fri, 11 Oct 1996 15:37:20 -0600
To: bbssig@tapr.org
Message-ID: <199610112137.PAA15894@acca.nmsu.edu>
Rendered body type: text/plain

```

TNOS and Linux are it!

When someone is thinking about setting up a new packet bulletin board they should give serious consideration to learning how to use the Unix operating system, and getting the Linux software that turns your old 386 or brand new 586 computer into a Unix system. Unix is fun to work with and is very powerful. I am typing this on a Unix editor called Joe. Joe is a copy of the DOS Word Star Editor.

Linux is free software. The "Red Hat Slack-ware" version 3.1 is what I'm using and it's very stable and full of features. It is easy to load onto your computer. I recommend the book "Linux Installation and Getting Started", Matt Welch, 1992-1994, Version 2.2.2 or later. This can be down-loaded from "ftp.infomagic.com" or purchased in book form from any good bookstore.

Once you have loaded Linux and began to read Matt's book, you can learn your way around this new version of an older operating system. I recommend you plan to spend 80 hours reading and working with Unix. This will get you to the point where you can become as good at Unix as you are with DOS. As a matter of fact there is so much more to Unix it will take much longer to learn what's available in Unix. For example, there is a great c language compiler in Linux. It will take you some time to learn how it works, which is super!

Now to the packet bbs. Brian Lantz has been working with the Net and Nos software and has written his own version of Nos called TNOS. This is software that uses either DOS or Unix as the operating system. I am using Unix and recommend it since the TNOS software runs very well. My experience with DOS and Win-95 are that they work fine but if left on for a week, they will crash.

There are Linux computers that have been running for over a year with never a crash and heavy use. Mine has been up since the last power failure which was 2 months ago. My TNOS has not been up that long because I

have changed versions of TNOS.

My current TNOS is version 2.20 and it's running now and taking care of all the forwarding today, as well as being used as a tcp/ip router and getting my SMTP messages mailed and allows me to ftp to any server in the world! It has no reason to crash and is very busy with 4 bbs to forward with. We are all using the FBB style forwards.

A major problem with TNOS is documentation. It is free software and the guy writing the software has not the time nor desire to write clear and easy to read instructions. He has some other hams working with him to document the software and a Internet SIG where you can ask questions. My experience was that often a question was not answered. If you pressed the issue you were told you have a bad attitude.

I found that others using the TNOS software will share the control files with me. Or I can ftp the files from another computer. These files are what saved the day here. I copied from everyone's work and it was not all good. But I have been putting out some TNOS things and I find out after I put them out, that they are not working well! So I need to be more careful.

As of today there is only one bug in TNOS that I have found. It has to do with importing messages from a file. This worked fine in a previous version of TNOS so I'm sure Brian will correct the problem.

Using TNOS you learn things about it that you didn't know was in any nos system. The Tutor system has been a boom to my users who were having trouble with the "new" bbs here. Now they are having a lot more fun.

I have no idea how many sysops have done as I have and learned Unix and learned enough about TNOS to run it as a pbbs and/or Gateway. Without reservations, TNOS and Linux make a bullet proof Gateway. And with the new features of TNOS the pbbs is becoming also bullet proof. It is surprising to me how different the pbbs function is from that of a gateway. In fact, now there are ham gateways that are using just Linux with some ax.25 tools. No XNOS required.

If you decide to try this route I will help you. I can and will share what I have learned and help you get things running. You will be glad you did.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

92. Re: [BBSSIG:3532] TNOS version 2.20

From: msc@usa1.com
Date: Fri, 11 Oct 1996 23:40:00 -0400
To: bbssig@tapr.org
Message-ID: <325F1310.6026@usa1.com>
Rendered body type: text/plain

Karl F. Larsen wrote:

>
>
> TNOS and Linux are it!
>
>
> When someone is thinking about setting up a new packet bulletin
> board they should give serious consideration to learning how to use the Unix
> operating system, and getting the Linux software that turns your old 386 or
> brand new 586 computer into a Unix system. Unix is fun to work with and is
> very powerful. I am typing this on a Unix editor called Joe. Joe is a copy
> of the DOS Word Star Editor.
>
> Linux is free software. The "Red Hat Slack-ware" version 3.1 is what
> I'm using and it's very stable and full of features. It is easy to load onto
> your computer. I recommend the book "Linux Installation and Getting
> Started", Matt Welch, 1992-1994, Version 2.2.2 or later. This can be
> down-loaded from "ftp.infomagic.com" or purchased in book form from any good
> bookstore.
>
> Once you have loaded Linux and began to read Matt's book, you can
> learn your way around this new version of an older operating system. I
> recommend you plan to spend 80 hours reading and working with Unix. This
> will get you to the point where you can become as good at Unix as you are
> with DOS. As a matter of fact there is so much more to Unix it will take
> much longer to learn what's available in Unix. For example, there is a great
> c language compiler in Linux. It will take you some time to learn how it
> works, which is super!
>
>
> Now to the packet bbs. Brian Lantz has been working with the Net and
> Nos software and has written his own version of Nos called TNOS. This is

> software that uses either DOS or Unix as the operating system. I am using
 > Unix and recommend it since the TNOS software runs very well. My experience
 > with DOS and Win-95 are that they work fine but if left on for a week, they
 > will crash.
 >
 > There are Linux computers that have been running for over a year
 > with never a crash and heavy use. Mine has been up since the last power
 > failure which was 2 months ago. My TNOS has not been up that long because I
 > have changed versions of TNOS.
 >
 > My current TNOS is version 2.20 and it's running now and taking care
 > of all the forwarding today, as well as being used as a tcp/ip router and
 > getting my SMTP messages mailed and allows me to ftp to any server in the
 > world! It has no reason to crash and is very busy with 4 bbs to forward
 > with. We are all using the FBB style forwards.
 >
 > A major problem with TNOS is documentation. It is free software and
 > the guy writing the software has not the time nor desire to write clear and
 > easy to read instructions. He has some other hams working with him to
 > document the software and a Internet SIG where you can ask questions. My
 > experience was that often a question was not answered. If you pressed the
 > issue you were told you have a bad attitude.
 >
 > I found that others using the TNOS software will share the control
 > files with me. Or I can ftp the files from another computer. These files are
 > what saved the day here. I copied from everyone's work and it was not all
 > good. But I have been putting out some TNOS things and I find out after I
 > put them out, that they are not working well! So I need to be more careful.
 >
 > As of today there is only one bug in TNOS that I have found. It has
 > to do with importing messages from a file. This worked fine in a previous
 > version of TNOS so I'm sure Brian will correct the problem.
 >
 > Using TNOS you learn things about it that you didn't know was in any
 > nos system. The Tutor system has been a boom to my users who were having
 > trouble with the "new" bbs here. Now they are having a lot more fun.
 >
 > I have no idea how many sysops have done as I have and learned Unix
 > and learned enough about TNOS to run it as a pbbs and/or Gateway. Without
 > reservations, TNOS and Linux make a bullet proof Gateway. And with the new
 > features of TNOS the pbbs is becoming also bullet proof. It is surprising to
 > me how different the pbbs function is from that of a gateway. In fact, now
 > there are ham gateways that are using just Linux with some ax.25 tools. No
 > XNOS required.
 >
 > If you decide to try this route I will help you. I can and will
 > share what I have learned and help you get things running. You will be glad
 > you did.
 >
 > Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
 Ok explain to me Karl why I shud change from Win95/f6fbb to Linux/tnos
 Considering hw many messages I see about Tnos causing dupes...

Mike wg1i@wg1i.fn42kk.ma.usa.na

93. Re: [BBSSIG:3533] Re: TNOS version 2.20

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
 Date: Sat, 12 Oct 1996 06:36:54 -0600
 To: bbssig@tapr.org
 Message-ID: <199610121236.GAA04524@acca.nmsu.edu>
 Rendered body type: text/plain

At 10:50 PM 10/11/96 -0500, you wrote:

>Karl F. Larsen wrote:

>>

>> TNOS and Linux are it!

>

snip

If you decide to try this route I will help you. I can and will
 >> share what I have learned and help you get things running. You will be glad
 >> you did.
 >>

>> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

>Ok explain to me Karl why I shud change from Win95/f6fbb to Linux/tnos

>Considering hw many messages I see about Tnos causing dupes...

>

>Mike wg1i@wg1i.fn42kk.ma.usa.na

>

Mike, it used to be that FBB was the dupe making software. TNOS is software you must write "control files" for that are directly read by the software. They are called autoexec.nos and rewrite and forward.bbs.

If you make a tiny error in one of these files, which you are always changing, you might send out hundreds of dupes. So far I have not done that. But the time may come when I do.

And the time may come when your Win-95 FBB crashes in an odd way and YOU will send out dupes. FBB can and does do it as well. I am using Win-95 to send this to you. I like Win-95. Very pretty. But it is not stable like unix.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

94. Getting TNOS and Linux

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sat, 12 Oct 1996 06:49:25 -0600
To: bbssig@tapr.org
Message-ID: <199610121249.GAA04696@acca.nmsu.edu>
Rendered body type: text/plain

I left out how to get Linux and Tnos in my message about them. I correct this here, and sorry for the lapse.

Get TNOS from 'ftp.lantz.com' by ftp using your ftp software or Netscape. The latest version is called "current" and you want the unix version.

Get Linux either from a software store for like \$30 for Red Hat Linux 3.1 or later. You can download the stuff from 'ftp.infomagic.com' but it takes a lot of time even at 28.8kbps. If you can afford the stuff buy it. If your retired or poor d/l the stuff.

Get the Linux book from the Walden Book store near you. It comes printed that way...:-)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

95. Re: [BBSSIG:3532] TNOS version 2.20

From: n5pvl@texoma.net (Charles Brabham)
Date: Sat, 12 Oct 1996 08:49:44 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610121349.IAA16894@mercury.texoma.net>
Rendered body type: text/plain

> TNOS and Linux are it!
>

Good luck, Karl. Haw Hawr!

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : <http://www.texoma.com/~n5pvl>

96. WA8DED Eprom Images

From: Dale Seaburg <dseaburg@web-access.net>
Date: Sat, 12 Oct 1996 12:24:19 -0500
To: bbssig@tapr.org
Message-ID: <325FD443.4C3D@web-access.net>
Rendered body type: text/plain

Sorry for the bandwidth, but I'm looking for downloadable eprom images for the WA8DED TNC software. Where I can I find same? I have searched using sever web search engines, but everything so far, turns up text with not downloadable images.

Thanks for your help in advance.
Dale. KG5LT
dseaburg@web-access.net

97. Re: [BBSSIG:3536] Re: TNOS version 2.20

From: "Nate Bargmann" <nbargman@ns.fullnet.net>
Date: Sun, 13 Oct 1996 02:44:02 -0500
To: bbssig@tapr.org
Message-ID: <199610130247.VAA32648@ns.fullnet.net>
Rendered body type: text/plain

> > TNOS and Linux are it!
> >
>
> Good luck, Karl. Haw Hawr!
>
>
> 73 DE Charles Brabham N5PVL

I'm not quite sure what kind of sarcasm was meant by this message. It seems to me the hallmark of the amateur is the discovery of the unknown and always pushing the envelope a bit further. I don't always agree with Karl on everything, yet I think he is making an honest effort to support software he believes is worthwhile and is making an effort to help new users of it where the author can't. Marty's survey indicated what most sysops desire is support from the author. If that is not available the next best resource is an experienced user of the software in question, a position Karl is willing to fill. This is in keeping with elmering spirit of ham radio.

If your message was intended as a slam against Linux and TNOS as not being ready for prime time or not ever being able to replace DOS and its descendants, then I suggest you take a closer look at the exploding popularity of Linux. It is difficult to know the actual installed base of Linux as it is not sold by a single vendor nor is it routinely packaged with new computer systems. I think this may change if Caldera is successful in its lawsuit against MicroSoft's practices toward OEM licensing. Linux is fast becoming the preferred platform for new software as it is probably an easier system to code for than DOS with its schemes of extended and expanded memory and Win X.X with its ability to crash at the most unfortunate moment. I'd also guess the Linux/UNIX API has remained rather constant over time in contrast to Win X which is said to change with each new version.

Lastly, I think that if you have nothing constructive to say, don't say anything at all.

73, de Nate >>

nbargman@fullnet.net

Pattison's Law of Electronics
If more than one pair of wires are to be
connected, the first way blows the fuse.

98. Re: [BBSSIG:3537] WA8DED Eprom Images

From: Greg Jones <wd5ivd@tapr.org>
Date: Sat, 12 Oct 1996 23:37:32 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610130437.XAA29915@tapr.org>
Rendered body type: text/plain

I think you will find the WA8DED in the TAPR ftp area under software_lib/upload.

We haven't had a chance to move it over to an area yet.

If you don't want to burn them, TAPR has them already on an EPROM.

Cheers - Greg

>
> Sorry for the bandwidth, but I'm looking for downloadable eprom images
> for the WA8DED TNC software. Where I can I find same? I have searched
> using sever web search engines, but everything so far, turns up text
> with not downloadable images.
>
> Thanks for your help in advance.
> Dale. KG5LT
> dseaburg@web-access.net
>
>

99. Re: [BBSSIG:3538] Re: TNOS version 2.20

From: n5pvl@texoma.net (Charles Brabham)
Date: Sat, 12 Oct 1996 23:46:52 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610130446.XAA03685@mercury.texoma.net>
Rendered body type: text/plain

```
>> >
>> >
>>
>> Good luck, Karl. Haw Hawr!
>>
>>
>> 73 DE Charles Brabham N5PVL
>
>I'm not quite sure what kind of sarcasm was meant by this message.
>It seems to me the hallmark of the amateur is the discovery of the
>unkown and always pushing the envelope a bit further. I don't always
>agree with Karl on everything, yet I think he is making an honest
>effort to support software he believes is worthwhile and is making an
>effort to help new users of it where the author can't. Marty's
>survey indicated what most sysops desire is support from the author.
>If that is not available the next best resource is an experienced
>user of the software in question, a position Karl is willing to fill.
>This is in keeping with elmering spirit of ham radio.
>
>If your message was intended as a slam against Linux and TNOS as not
>being ready for prime time or not ever being able to replace DOS and
>its descendants, then I suggest you take a closer look at the
>exploding popularity of Linux. It is difficult to know the actual
>installed base of Linux as it is not sold by a single vendor nor is
>it routinely packaged with new computer systems. I think this may
>change if Caldera is successful in its lawsuit against MicroSoft's
>practices toward OEM licensing. Linux is fast becoming the preferred
>platform for new software as it is probably an easier system to code
>for than DOS with its schemes of extended and expanded memory and
>Win X.X with its ability to crash at the most unfortunate moment.
>I'd also guess the Linux/UNIX API has remained rather constant over
>time in contrast to Win X which is said to change with each new
>version.
>
>Lastly, I think that if you have nothing constructive to say, don't
>say anything at all.
>
>73, de Nate >>
>
```

Gee, Nate sure did manage to interpret a lot out of:

"Good luck, Karl. Haw Hawr!"

I'd suggest, Nate, that if you don't have anything constructive to say, why just don't say anything at all.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : http://www.texoma.com/~n5pvl

100. Re: [BBSSIG:3540] Re: TNOS version 2.20

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 13 Oct 1996 06:34:42 -0600
To: bbssig@tapr.org
Message-ID: <199610131234.GAA25074@acca.nmsu.edu>
Rendered body type: text/plain

```
At 11:57 PM 10/12/96 -0500, you wrote:
>>> >
>>> >
>>>
>>> Good luck, Karl. Haw Hawr!
>>>
>>>
>>> 73 DE Charles Brabham N5PVL
>>
>>I'm not quite sure what kind of sarcasm was meant by this message.
>>"Good luck, Karl. Haw Hawr!"
```

Snip

>
>I'd suggest, Nate, that if you don't have anything constructive to say, why
>just don't say anything at all.
>

I will let Nate answer the above, if he cares to.

>
>73 DE Charles Brabham N5PVL
>Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
>E-Mail : n5pvl@texoma.com
>WWW : http://www.texoma.com/~n5pvl
>
>

Charles, I fail to understand your comment. Are you interested in
changing to TNOS and Linux? I understand your pressed for money, and the
good news is both softwares are free!

Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

101. FBB auto msg import

From: "B. Sinbine" <stonehvn@gate.net>
Date: Sun, 13 Oct 1996 19:36:18 -0400 (EDT)
To: bbssig@tapr.org
Message-ID: <199610132336.TAA21607@ute.gate.net>
Rendered body type: text/plain

Hi
I must have missed some of the thread. I want to be able to have fbb add msg
files (amsat, arrl bulls etc.) that I get off of the web. I saw a thread that
said something about just unzipping the files into a mail dir and fbb will
automatically add then with the proper bid (like magic) to the message base.
Is this all that needs to be done???

73, Bill N4XEO

102. NT

From: msc@usa1.com
Date: Sun, 13 Oct 1996 23:32:57 -0400
To: bbssig@tapr.org
Message-ID: <3261B469.5F42@usa1.com>
Rendered body type: text/plain

Anyone know how to get BPq and other tsr's to load so that fbb and
other programs will work...trying version 4.0 NT

Mike

wgli @ wgli.fn42kk.ma.usa.na

103. Re: [BBSSIG:3542] FBB auto msg import

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>
Date: Mon, 14 Oct 1996 14:42:33 +1200
To: bbssig@tapr.org
Message-ID: <32630135.z12tze@z12tze.mlb.planet.gen.nz>
Rendered body type: text/plain

Hi Bill,

> From: "B. Sinbine" <stonehvn@gate.net>
> To: bbssig@tapr.org
> Subject: [BBSSIG:3542] FBB auto msg import

> Hi
> I must have missed some of the thread. I want to be able to have fbb add msg
> files (amsat, arrl bulls etc.) that I get off of the web. I saw a thread that
> said something about just unzipping the files into a mail dir and fbb will
> automatically add then with the proper bid (like magic) to the message base.
> Is this all that needs to be done???
> 73, Bill N4XEO

No not correct !!

You will have to move the ZIP files to a suitable dir unzip them edit them
add the Message header and BID eg ::

SB KEPS @ AMSAT \$ORBS-258.0

Orbital Elements 285.OSCAR

rest of Bulletin in here and a /EX to end

/EX

As with most AMSAT , ARRL bulletins the BID is always attached with the bulletin you have to add it to the header ..

I STRESS that you use the BID attached as most SYSOPs have any other BID set in the REJECT.SYS this stops Duplicate Bulletins ..

Now also most bulletins from the above on the LISTSERV come complete but watch some of them are missing the S in SB ..
These of course arrive as an ASCII bulletin and are all set to be sent via Packet mail ..

Once all this is done if there are several I copy them as MAIL.IN and let FBB handle the rest ..

Others may have another way of doing it this is my way and it works for me..

73 Phillip ZL2TZE--

Phillip Conza

AX25

ZL2TZE @ ZL2TZE.#73.NZL.OC

E-Mail private

phil@zl2tze.mlb.planet.gen.nz

104. Re: [BBSSIG:3541] Re: TNOS version 2.20

From: n5pvl@texoma.net (Charles Brabham)
Date: Mon, 14 Oct 1996 01:12:48 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610140612.BAA11732@mercury.texoma.net>
Rendered body type: text/plain

> Charles, I fail to understand your comment. Are you interested in
>changing to TNOS and Linux? I understand your pressed for money, and the
>good news is both softwares are free!
>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->
>

Yes, to LINUX, but probably not soon (if ever) for TNOS. I'll have my hands full enough with LINUX! I'm hoping to test the LINUX version of FBB when it's released. I figure I will have a while to get used to the new OS before LINUX-FBB becomes available. It'll give me something new to tinker with.

LINUX may be free, but I'll be springing for the big thick book with the CD, I imagine. I'm may be too broke to replace my stolen chopper, but still have pocket money, ect.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : <http://www.texoma.com/~n5pvl>

105. Re: [BBSSIG:3543] NT

From: KB6ZVP@aol.com
Date: Mon, 14 Oct 1996 07:39:23 -0400
To: bbssig@tapr.org
Message-ID: <961014073923_210261151@emout12.mail.aol.com>
Rendered body type: text/plain

I am ignorant of Windows NT, but I am using Win 95, WiSP, WinFBB v7.00a, BPQ, etc., etc. I have run it all on Win 3.1 and Win 3.11 with success. If NT is similar those, then you must still load BPQ from the autoexec.bat before Windows tries to take over the whole machine. Also, you must disable the ability of Windoze to take control of the comports by editing the system.ini file. In the [386enh] the first line should be maxcomports=0 (spelling may not be correct) and all references to the comports in this area must be rem'd out or deleted. Hey, it is the only way BPQ and FBB will work in Windows that I know of, excluding of course my ignorance with NT. Attached is my autoexec.bat file for your review. Let me know if you need more help.

73 - Mark, kb6zvp@aol.com
[Attachment: AUTOEXEC.BAT; text/plain; 552 bytes]

106. windows 95 problem

From: Richard Choy <rixyc@crosslink.net>
Date: Mon, 14 Oct 1996 09:03:31 -0400
To: bbssig@tapr.org
Message-ID: <32623A23.3A84@crosslink.net>
Rendered body type: text/plain

Windows 95 Com port problem,

Hi, and thanks ahead for reading this. I have a problem with Windows 95 and a com port. I know this is not exactly the right forum for this, but it is related. I have seen a lot of you talking about Win 95 and FBB, and some of the setup problems and configurations solved here, so I thought this is the place to start. Here's the problem:

I have an Intel Pentium system I built up myself that I use for Internet and packet, and other ham related software. It is a Pentium 133 with 64 meg ram, 4 - 1.2 gig hard drives on removable carriers to facilitate switching platforms, a mouse on Com 1, and an internal 28.8 modem on Com 2, a 4x CD-ROM on secondary IDE on an Intel Triton mother board, Diamond Stealth 2 meg VGA card, Sound blaster 16, running Windows 3.11. No other boards or wierd things installed. (I did upgrade the driver for the Diamond because I heard there may have been an address conflict with a com port).

It has worked perfectly in this configuration for over a year. I installed Win 95 from CD. Everything worked but the Com 2 port. I configured the cmos ram to the on board com 2 port, and tried an external modem and also with a TNC. Still no ack by Win 95 that the port was available even though the lights on the external modem were "talking". Win 95 said modem not responding.

I know the process on how to install modems and configure com ports in Win 95 because I have done it on other computers. It is just this one that fails. I uninstalled Win 95 and Win 3.11 still works perfectly with com 2. I installed Windows NT 3.51 in the same hardware and it works perfectly. I went back to Win 95 and it still doesn't work! I bought another motherboard, an Intel Triton 3 chipset, and it does the same thing! (no com 2 in Win 95). I have reinstalled Win 95 from CD just to make sure there wasn't a corrupt installation. I even replaced the VGA card with a generic 256k VGA card thinking the Diamond may still be conflicting, and still no go! I yanked every card out but the generic VGA card and it, and the same thing. No com 2. I have rechecked the cmos bios configuration and everything is set up properly. I believe I went through all of the setup procedures in 95 and didn't miss any of them. I spent \$90 on long distance calls to Microsoft, and they have NO answers.

Why do I want Win 3.11, Win 95, and NT? Because of the different applications I run, I can't use a platform that meets all my needs. NT won't support my page scanner, (yet), and does not like some advanced DOS programs. Win 95...besides the com port problem, I have heard others with horror stories about it...mostly bugs. Win 3.11, the old work horse still functions perfectly, and resides comfortably in DOS, but many of the software upgrades like Aldus Pagemaker and related desktop publishing, only work in Win 95.

Does anybody have any advise about my com port problem other than taking up farming?

Thanks and 73 -Rick, N3HXT email:rixycrosslink.net
N3HXT@N3HXT.VA.USA.NOAM

107. re: [BBSSIG:3547] windows 95 problem

From: n0sms@clandjop.com (Frank D Mondt)
Date: Mon, 14 Oct 1996 13:47:12 -0700
To: bbssig@tapr.org
Message-ID: <BMSMTP8453242664n0sms@pop.clandjop.com>
Rendered body type: text/plain

> From: Richard Choy <rixycrosslink.net>, on 10/14/96 12:41 PM:
> Windows 95 Com port problem,
>
> Hi, and thanks ahead for reading this. I have a problem with Windows 95
> and a com
> port. I know this is not exactly the right forum for this, but it is
> related. I have
> seen a lot of you talking about Win 95 and FBB, and some of the setup
> problems and
> configurations solved here, so I thought this is the place to start.
> Here's the problem:
>
> I have an Intel Pentium system I built up myself that I use for Internet
> and packet,
> and other ham related software. It is a Pentium 133 with 64 meg ram, 4
> - 1.2 gig
> hard drives on removable carriers to facilitate switching platforms, a
> mouse on Com 1,
> and an internal 28.8 modem on Com 2, a 4x CD-ROM on secondary IDE on an
> Intel Triton
> mother board, Diamond Stealth 2 meg VGA card, Sound blaster 16, running
> Windows
> 3.11. No other boards or wierd things installed. (I did upgrade the
> driver for the
> Diamond because I heard there may have been an address conflict with a
> com port).
>
> It has worked perfectly in this configuration for over a year. I
> installed Win 95
> from CD. Everything worked but the Com 2 port. I configured the cmos ram
> to the on
> board com 2 port, and tried an external modem and also with a TNC. Still
> no ack by
> Win 95 that the port was available even though the lights on the
> external modem were
> "talking". Win 95 said modem not responding.
>
> I know the process on how to install modems and configure com ports in
> Win 95
> because I have done it on other computers. It is just this one that
> fails. I
> uninstalled Win 95 and Win 3.11 still works perfectly with com 2. I
> installed Windows
> NT 3.51 in the same hardware and it works perfectly. I went back to Win
> 95 and it
> still doesn't work! I bought another motherboard, an Intel Triton 3
> chipset, and it
> does the same thing! (no com 2 in Win 95). I have reinstalled Win 95
> from CD just to
> make sure there wasn't a corrupt installation. I even replaced the VGA
> card with a
> generic 256k VGA card thinking the Diamond may still be conflicting, and
> still no go!
> I yanked every card out but the generic VGA cand and it, and the same
> thing. No com 2.
> I have rechecked the cmos bios configuration and everything is set up
> properly.
> I believe I went through all of the setup procedures in 95 and didn't
> miss any of them. I spent \$90 on long distance calls to Microsoft, and
> they have NO answers.
>
> Why do I want Win 3.11, Win 95, and NT? Because of the different
> applications I run,
> I can't use a platform that meets all my needs. NT won't support my page
> scanner,(yet),

> and does not like some advanced DOS programs. Win 95...besides the com
> port problem,
> I have heard others with horror stories about it...mostly bugs. Win
> 3.11, the old work horse still functions perfectly, and resides
> comfortably in DOS, but many of the
> software upgrades like Aldus Pagemaker and related desktop publishing,
> only work in
> Win 95.
>
> Does anybody have any advise about my com port problem other than taking
> up farming?
>
> Thanks and 73 -Rick, N3HXT email:rixycrosslink.net
> N3HXT@N3HXT.VA.USA.NOAM
>
>
Rick, I had the same problem running an external modem and/or tnc on com2
what I did was to disable Windows-95 detecting com2. Go into control panel
click system, click device manager, click com2 Under General you will see a
box that says Original configuration(current). Click the check mark to remove
it.
This disables Windows-95 detection of the port.

I am not saying that this is the answer to your problem but it worked for me.
The
same trick also allows me to run Win-FBB 700a and BPQ under Windows-95.
In fact I have not found ANY software be it Windows-95, Windows 3.11 or DOS
that will NOT run on com2 in my 486-DX100 I hope this helps.

Take care.....Frank
n0sms@n0sms.#swmo.mo.usa.noam
n0sms@clandjop.com

108. BPQ

From: INFOPLAN.IPLAN10.LOUISK@cape_smtp_gw.iplan.co.za
Date: Tue, 15 Oct 1996 10:15:56 +0200
To: bbssig@tapr.org
Message-ID: <s2636539.050@cape_smtp_gw.iplan.co.za>
Rendered body type: text/plain

I have a BBS here that uses BPQ. For the past few months I've tried to
use it with v4.08, but it just seems to be unsuccessful.

Last night I 'upgraded' to version 4.07 again and it now works like an
oiled clock.

Can anyone explain it to me?

I also wanted to get the Sysop function of BPQ to work, but it just keep
coming back that the Sysop port is in use and I must try later again. Has
anybody else perhaps got that function to work?

Has anyone tried the multi-tnc method, where you run a common line
between the tnc's with a switching diode per TNC?

73 de Louis, ZR6ABC.

109. Re: [BBSSIG:3549] BPQ

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 15 Oct 1996 05:37:57 -0600
To: bbssig@tapr.org
Message-ID: <199610151137.FAA09432@acca.nmsu.edu>
Rendered body type: text/plain

At 03:25 AM 10/15/96 -0500, you wrote:
>I have a BBS here that uses BPQ. For the past few months I've tried to
>use it with v4.08, but it just seems to be unsuccessful.

Everyone uses 4.08 and have no problems. Since 4.07 works well I
would guess the windows additions made to 4.08 were causing you problems.

>Last night I 'upgraded' to version 4.07 again and it now works like an
>oiled clock.
>
>Can anyone explain it to me?

No.

>
>I also wanted to get the Sysop function of BPQ to work, but it just keep
>coming back that the Sysop port is in use and I must try later again. Has
>anybody else perhaps got that function to work?

Yes it works fine. But if the bpq Switch is in a computer on your desk there is no reason to use the sysop function. To make sysop work you must provide a password in the proper file.

>
>Has anyone tried the multi-tnc method, where you run a common line
>between the tnc's with a switching diode per TNC?

Yes and it works just fine. I have a 9600 baud and a 1200 baud tnc both using com 2.

>
>73 de Louis, ZR6ABC.

>
>
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

110. Re: [BBSSIG:3549] BPQ

From: "Charles E. Gelm" <gelmce@erinet.com>
Date: Tue, 15 Oct 1996 07:38:09 -0700
To: bbssig@tapr.org
Message-ID: <3263A1D1.3034@erinet.com>
Rendered body type: text/plain

INFOPLAN.IPLAN10.LOUISK@cape_smtg_gw.iplan.co.za wrote:

>
> I have a BBS here that uses BPQ. For the past few months I've tried to
> use it with v4.08, but it just seems to be unsuccessful.
>
> Last night I 'upgraded' to version 4.07 again and it now works like an
> oiled clock.
>
> Can anyone explain it to me?
>
> I also wanted to get the Sysop function of BPQ to work, but it just keep
> coming back that the Sysop port is in use and I must try later again. Has
> anybody else perhaps got that function to work?
>
> Has anyone tried the multi-tnc method, where you run a common line
> between the tnc's with a switching diode per TNC?
>
> 73 de Louis, ZR6ABC.

Hi. Louis:

BPQ v4.08 has a bug. Get BPQ v4.08a and let its files overwrite the 4.08 files.

73, Chuck

111. Re: [BBSSIG:3537] WA8DED Eprom Images

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Tue, 15 Oct 1996 05:43:57 -0600
To: bbssig@tapr.org
Message-ID: <199610151143.FAA09491@acca.nmsu.edu>
Rendered body type: text/plain

You can avoid the wa8ded chips by running the g8bpq switch.

At 12:44 PM 10/12/96 -0500, you wrote:
>Sorry for the bandwidth, but I'm looking for downloadable eprom images
>for the WA8DED TNC software. Where I can I find same? I have searched
>using sever web search engines, but everything so far, turns up text
>with not downloadable images.
>
>Thanks for your help in advance.
>Dale. KG5LT
>dseaburg@web-access.net

>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

112. Re: [BBSSIG:3547] windows 95 problem

From: KB6ZVP@aol.com
Date: Tue, 15 Oct 1996 08:59:40 -0400
To: bbssig@tapr.org
Message-ID: <961015085939_1447321758@emout04.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-10-14 09:46:48 EDT, you write:

<< Does anybody have any advise about my com port problem other than taking up farming? >>

Using a text editor, edit the Windows System.ini. Go to the section label [386enh]. First entry should be "maxcomports=0". Remove all other entries referencing the comports, or "rem" them out. Reboot your computer. This should prevent Windows 95 from taking control of the comports and allow your applications to use them.

73 - Mark, kb6zvp@aol.com

113. Re: [BBSSIG:3549] BPQ

From: Mark <mharloff@spacetechn.com>
Date: Tue, 15 Oct 1996 15:50:38 -0400
To: bbssig@tapr.org
Message-ID: <3263EB0E.312F@spacetechn.com>
Rendered body type: text/plain

Hi Louis,

I run FBB 515c and BPQ 408a into a 5 port matrix ring. Haven't had any problems so far! If you drop a copy of your inital BPQCFG.TXT for the 408a ver. you were having problems with, I'd be happy to take a peak. Let me know the equip config. there too.

73, Mark / KB2TXP@KB2TXP.#WNY.NY.USA.NOAM

114. WP Listing ?

From: Greg Jones <wd5ivd@tapr.org>
Date: Tue, 15 Oct 1996 16:30:23 -0500 (CDT)
To: bbssig@tapr.org (BBS SIG mailing)
Message-ID: <199610152130.QAA12827@tapr.org>
Rendered body type: text/plain

Was someone going to upload that listing to the ftp area ?

Cheers - Greg

115. Re: [BBSSIG:3552] Re: WA8DED Eprom Images

From: Dale Seaburg <dseaburg@web-access.net>
Date: Tue, 15 Oct 1996 18:41:19 -0500
To: bbssig@tapr.org
Message-ID: <3264211F.3424@web-access.net>
Rendered body type: text/plain

Karl F. Larsen wrote:

>
> You can avoid the wa8ded chips by running the g8bpq switch.
>

snip....Yes, you are right, Karl. After downloading the wa8ded images from the tapr UPLOAD area of soft_lib (thanks to Greg Jones for pointing this out), I did some further reading of saved sig email and found that several folk switched from DED to BPQ and KISS and have had minimum problems since.

What prompted this whole thing was that my MSYS had cratered when four critical files got screwed up in the DOS FAT (pun intended!). I was able to recover three of the four, but the bidlist.dat file defied being restored. I was seriously considering switching to FBB at that juncture. That's why I was looking at DED images. Well, after several attempts to make the port.sys files work - still not sure why they gave me a problem - I, in desperation, deleted the bidlist.dat file in MSYS and just fired the BBS up. Lo and behold, it recreated the file... Would have been nice if the doc's had said something about that

(probably my luck they do, and I over looked them <G>). So in the meantime, the heat is off and I'm back running MSYS.

On another note, I'm still wavering between running TNOS under Linux and whether to try and get WinFBB going under NT. I MUCH prefer NT. Use it at work and LOVE it! Would not go back to Win 3.1 or Win95. And so much easier to use than linux (albeit I have limited Linux experience). I figured if I couldn't get MSYS going again, I'd make the switch to DOS based FBB and get used to it, then switch to WinFBB and try to get it going under NT. Got's lots more work to do to fully understand FBB.

Enough of my rambling....

73 - Dale. KG5LT
dseaburg@web-access.net

116. Re: [BBSSIG:3543] NT

From: Dale Seaburg <dseaburg@web-access.net>
Date: Tue, 15 Oct 1996 18:54:45 -0500
To: bbssig@tapr.org
Message-ID: <32642445.2E90@web-access.net>
Rendered body type: text/plain

msc@usa1.com wrote:

>
> Anyone know how to get BPq and other tsr's to load so that fbb and
> other programs will work...trying version 4.0 NT
>
> Mike
>
> wgli @ wgli.fn42kk.ma.usa.na

Mike,

I use NT at work and at home. Both are the 4.0 version. Be sure to get the 4.0 released version (not either beta - they are S L O W). Now, I'll be the first to admit that I have not tried to do any TSR stuff, but I do know that you can have a config.nt and autoexec.nt file. Try looking at the online helps under 'autoexec.nt' and follow your nose. Also, you can specify from a .pif file a different config.xxx and autoexec.xxx file for use specifically for that .pif.

Do a little reading and I think you'll find some ideas to try. If I can get some time, I will try to do some experimenting myself.

Good luck!

73 - Dale. KG5LT
dseaburg@web-access.net

117. Re: [BBSSIG:3557] Re: NT

From: msc@usa1.com
Date: Tue, 15 Oct 1996 21:30:14 -0400
To: bbssig@tapr.org
Message-ID: <32643AA6.356D@usa1.com>
Rendered body type: text/plain

Dale Seaburg wrote:

>
> msc@usa1.com wrote:
> >
> > Anyone know how to get BPq and other tsr's to load so that fbb and
> > other programs will work...trying version 4.0 NT
> >
> > Mike
> >
> > wgli @ wgli.fn42kk.ma.usa.na
> -----
>
> Mike,
>
> I use NT at work and at home. Both are the 4.0 version. Be sure to get
> the 4.0 released version (not either beta - they are S L O W). Now,
> I'll be the first to admit that I have not tried to do any TSR stuff,
> but I do know that you can have a config.nt and autoexec.nt file. Try
> looking at the online helps under 'autoexec.nt' and follow your nose.
> Also, you can specify from a .pif file a different config.xxx and
> autoexec.xxx file for use specifically for that .pif.

>
> Do a little reading and I think you'll find some ideas to try. If I can
> get some time, I will try to do some experimenting myself.
>
> Good luck!
>
> 73 - Dale. KG5LT
> dseaburg@web-access.net
Ok thanks Dale, I am running both NT server and workstation release
version here at home, want to get f6fbb to run in that platform as its
more stable than win95...

Mike

118. Help Please

From: "Brian" <vk4bbs@ozelmail.com.au>
Date: Wed, 16 Oct 1996 12:15:40 +0100
To: <bbssig@tapr.org>
Message-ID: <199610161218.WAA28863@oznet02.ozemail.com.au>
Rendered body type: text/plain

Hi Fellas

Before recently going on holidays, I unsubscribed myself, apparently this
was not the case for when I connected today I found over 300 messages
waiting for me..99% from BBSSIG.....

Could some one please get me off the list or tell me how I can do it
correctly myself.

Thanks in Advance

Rgds Brian VK4BBS

119. Re: [BBSSIG:3556] Re: WA8DED Eprom Images

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 16 Oct 1996 07:15:11 -0600
To: bbssig@tapr.org
Message-ID: <199610161315.HAA18550@acca.nmsu.edu>
Rendered body type: text/plain

At 06:47 PM 10/15/96 -0500, you wrote:

>Karl F. Larsen wrote:
>>
>> You can avoid the wa8ded chips by running the g8bpq switch.
>>
>snip....Yes, you are right, Karl. After downloading the wa8ded images
>from the tapr UPLOAD area of soft_lib (thanks to Greg Jones for pointing
>this out), I did some further reading of saved sig email and found that
>several folk switched from DED to BPQ and KISS and have had minimum
>problems since.
>

Yes the BPQ Switch is swell software and works well with FBB and
JNOS in my experiance. I think it must work with MSYS too, but have never
done it.

>What prompted this whole thing was that my MSYS had cratered when four
>critical files got screwed up in the DOS FAT (pun intended!). I was
>able to recover three of the four, but the bidlist.dat file defied being
>restored. I was seriously considering switching to FBB at that
>juncture. That's why I was looking at DED images. Well, after several
>attempts to make the port.sys files work - still not sure why they gave
>me a problem - I, in desperation, deleted the bidlist.dat file in MSYS
>and just fired the BBS up. Lo and behold, it recreated the file...
>Would have been nice if the doc's had said something about that
>(probably my luck they do, and I over looked them <G>). So in the
>meantime, the heat is off and I'm back running MSYS.

When playing with scandisk and nortons, trying to recover data that
is scrambled by DOS, is a good time to think about Linux. I never turn it
off! It
just keeps rolling along. I messed up rewrite and tnos was crashing
yesterday but it never bothered Linux. I like the ability to format my 540
meg hard drive to have 1024 min allocation units. Unix and I make a lot of

small files. In DOS this is 16,000 bytes and you waste a lot of disk space. Just because of an old counter in DOS.

>
>On another note, I'm still wavering between running TNOS under Linux and
>whether to try and get WinFBB going under NT. I MUCH prefer NT. Use it
>at work and LOVE it! Would not go back to Win 3.1 or Win95. And so
>much easier to use than linux (albeit I have limited Linux experience).

Yes if your running NT at work I would recommend using it at home too. It is hard to have 2 operating systems to deal with. But then I deal with dos and win-95 and unix. It ain't bad, but I miss x-windows.

>I figured if I couldn't get MSYS going again, I'd make the switch to DOS
>based FBB and get used to it, then switch to WinFBB and try to get it
>going under NT. Got's lots more work to do to fully understand FBB.

I don't know much about FBB version 7.00 but I know F6CNB Remi is using it now and it's crashed a lot. Of course his stuff gets used hard. But I gather Windows NT version 4 is what Microsoft is replacing Win-95 with. I get that from WinNews which I get here.

After losding Linux and making the effort to learn Unix and now loading X-Windows, which is the unix windows enviornment, I think the road leads to dropping Microsoft products and running just unix.

If you have ever used Linux you wonder how Microsoft ever claimed their software was multi-tasking. I compiled a new kernel for my Linux while the TNOS bbs was running. It did both while I cleaned up my rewrite file in a third window.

>
>Enough of my rambling....

Enough of my rambling too...:-)

>
>73 - Dale. KG5LT
>dseaburg@web-access.net
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

120. Re: [BBSSIG:3560] Re: WA8DED Eprom Images

From: Dale Seaburg <dseaburg@web-access.net>
Date: Wed, 16 Oct 1996 18:46:59 -0500
To: bbssig@tapr.org
Message-ID: <326573F3.A@web-access.net>
Rendered body type: text/plain

Karl F. Larsen wrote:

>
> snip....
> Yes if your running NT at work I would recommend using it at home
> too. It is hard to have 2 operating systems to deal with. But then I deal
> with dos and win-95 and unix. It ain't bad, but I miss x-windows.

The little bit I used X-Windows - in a class environment - I learned to hate it real quick. Now, I know I sound like I'm a dyed in the wool Microsoft fan, but I use their products at work extensively (Access, Excel, Word - much prefer Wordperfect, PowerPoint and Project), so I've gotten quite used to the MS Win paradigm. What really turned me off to X-Windows was when I would move the mouse pointer out-of-the way to get some work done I'd lose focus on that window, grrrrr.... That drove me crazy!

>
> After losding Linux and making the effort to learn Unix and now
> loading X-Windows, which is the unix windows enviornment, I think the road
> leads to dropping Microsoft products and running just unix.

This is OK, Karl if you don't want to use any of the fine software that runs only in the MS World. What do I do when I need to be backward compatible with MS? The obvious answer is to keep both Op Sys's around: Linux and DOS (or NT or Win95 as needed). Use them where their

strengths are superior to the other. Which typically means running two machines... and networking them together, if feasible. One thing good about Linux, it can "reach" back into the DOS FAT directories.

> If you have ever used Linux you wonder how Microsoft ever claimed
> their software was multi-tasking. I compiled a new kernel for my Linux while
> the TNOS bbs was running. It did both while I cleaned up my rewrite file in
> a third window.

OK, one last "shot", then I'll shut up <G>. Under NT, you do get true multitasking, just like other "real" ophys's - Linux etc - it was designed that way from the very beginning, Karl. I have had a number of windows open in NT (10-12) and all doing something simultaneously. I've even had under Win 3.11 more than one window open and BOTH were doing something. Albeit, it was not true multitasking, but a round-robin sort of task sharing. When I showed this to a friend at work, he could hardly believe his eyes. He thought for sure that he'd read that Windows 3.1 was NOT multitasking (of course, not like unix, but nevertheless it was timesharing the cpu).

However, I do intend to get Linux "learned", one of these fine days...

73 - Dale.
dseaburg@web-access.net

121. winfbb

From: TRAVIS@csius.com (G. Travis Roberts)
Date: Wed, 16 Oct 1996 09:07:40 +0000
To: bbssig@tapr.org
Message-ID: <199610161611.LAA14337@mail.xnet.com>
Rendered body type: text/plain

What are the advantages of running WinFBB and will it work with a BPQ switch that is using mulitpal TNCs on a single comport. Any insite would be appreciated. Also, how well does WinFBB run under NT 4.0. I have both the server and workstation running at my home. I would like to have it run on the server. Also, where can I find WinFBB so that I can try this out for myself. Thanks

G. Travis Roberts, KC7HHK
Assistant Network Administrator / MIS Hardware Specialist
Campbell Scientific, Inc.
815 West 1800 North
Logan, Utah 84321-1784
www.campbellsci.com
E-Mail: travis@csius.com
Telephone: (801) 750-9583
Fax: (801) 750-9579

122. Re: [BBSSIG:3557] Re: NT

From: n5pvl@texoma.net (Charles Brabham)
Date: Wed, 16 Oct 1996 11:47:30 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610161647.LAA15327@mercury.texoma.net>
Rendered body type: text/plain

>
>I use NT at work and at home. Both are the 4.0 version. Be sure to get
>the 4.0 released version (not either beta - they are S L O W). Now,
>I'll be the first to admit that I have not tried to do any TSR stuff,
>but I do know that you can have a config.nt and autoexec.nt file. Try
>looking at the online helps under 'autoexec.nt' and follow your nose.
>Also, you can specify from a .pif file a different config.xxx and
>autoexec.xxx file for use specifically for that .pif.
>
>Do a little reading and I think you'll find some ideas to try. If I can
>get some time, I will try to do some experimenting myself.
>
>Good luck!
>
>73 - Dale. KG5LT
>dseaburg@web-access.net
>

In a discussion on NT the other day, it was said that NT can not be "worked around" as WIN95 can to give you direct, dedicated access to the COM ports. The inference was that ALL programs must negotiate with NT for COM port access, which sounds like a potential problem for 'BPQ users.

Is this information correct? I'm interested in NT, but have no personal experience with it.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : http://www.texoma.com/~n5pvl

123. Re: [BBSSIG:3532] TNOS version 2.20

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 17 Oct 1996 09:06:36 -0600
To: bbssig@tapr.org
Cc: <dcole@on-ramp.ior.com>
Message-ID: <199610171506.JAA29368@acca.nmsu.edu>
Rendered body type: text/plain

Hi Doug, I took the liberty of sending part of your message to me to the bbs Sig since I expect it will be of interest to others. I copy just the first part:

>Return-Path: <dcole@on-ramp.ior.com>
>Date: Tue, 15 Oct 1996 18:56:31 -0700
>From: doug cole <dcole@on-ramp.ior.com>
>Organization: Spokane County Communications
>To: k5di@acca.nmsu.edu
>Subject: Re: [BBSSIG:3532] TNOS version 2.20
>References: <199610112137.PAA15894@acca.nmsu.edu>
>
>Just curious karl if you have any experience with the yggdrasil version
>of linux, I am going to be setting up a 'nos style bbs and shifting to
>linux on my main computer and am not all that familiar with any of the
>different versions of linux.

Doug, first understand that there is only *ONE* Linux. There are a lot of cdrom disks with Linux on them but they are some good, and some bad. And here is something you must know about using the cdrom versions:

You can't load from a cdrom to Linux UNTIL you have set up a basic Linux system! Some cdrom versions have "loaders" that automate the loading but the software for doing this is not well done.

So that may be why yggdasil did not work.

>but I do have cdroms for a number of the different versions but have not
>had success with the short amount of time that I had tried in my failed
>attempt to install and run the plug-n-play version of yggdrasil linux.
>maybe I should try the red-hat version like you say, but I thought
>plug-n-play might be easier for me....

There are no real plug-and-play ways to load Linux Doug. I suggest you load the Slakware version of Linux which you get from the internet. I got it from either of these 2 ftp sources:

ftp.infomagic.com
sunsite.unc.edu

You can use any of the dos ftp software out there but I like and use WS_FTP that works under any windows including win-95. It allows you to download the Linux disks onto your hard drive, or directly to a disk, as I do it.

You will find Slakware in the /pub/Linux/slakware directory Look at what is there and d/l the stuff having to do with boot disks.

For your first step get the bootdisk(s) software and the dos program that formats a floppy with a Linux format. Be sure to download the readme files that explain how to format your hard drive for Linux and how to load the mini-linux into your ram.

When your 2 floppy's bring up the mini-linux you first use the "fdisk" program to make a "Linux Native" logical drive and a "swap" drive. There is help with fdisk and the readme will lead you along.

Now you get some Linux disks. I suggest getting the A and AP only at first. This is about 10 floppy's. When you have them boot up mini-linux and

type "setup" and load those 10 disks. Do the Configuration steps and make a Linux boot disk. That is how you will get to your Linux system on the hard drive.

From this point on, you will use the *REAL* Linux to load all the other disks either from floppy disk or cdrom.

Today I d/l the E disk series because I want to try Emacs editor in my X-Windows on Linux. As you see you don't need to load all the parts of Linux at the same time.

Buy the good book I recommend. It has a lot about getting Linux going and how to use it. Again the title is:

Linux Installation and Getting Started, Matt Welch

73, karl

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

124. Re: [BBSSIG:3563] Re: NT

From: TRAVIS@cslus.com (G. Travis Roberts)
Date: Thu, 17 Oct 1996 14:01:47 +0000
To: bbssig@tapr.org
Message-ID: <199610172111.QAA29284@mail.xnet.com>
Rendered body type: text/plain

> Date: Thu, 17 Oct 1996 12:33:30 -0500 (CDT)
> Reply-to: bbssig@tapr.org
> From: n5pvl@texoma.net (Charles Brabham)
> To: bbssig@tapr.org
> Subject: [BBSSIG:3563] Re: NT

> >
> >I use NT at work and at home. Both are the 4.0 version. Be sure to get
> >the 4.0 released version (not either beta - they are S L O W). Now,
> >I'll be the first to admit that I have not tried to do any TSR stuff,
> >but I do know that you can have a config.nt and autoexec.nt file. Try
> >looking at the online helps under 'autoexec.nt' and follow your nose.
> >Also, you can specify from a .pif file a different config.xxx and
> >autoexec.xxx file for use specifically for that .pif.
> >
> >Do a little reading and I think you'll find some ideas to try. If I can
> >get some time, I will try to do some experimenting myself.
> >
> >Good luck!
> >
> >73 - Dale. KG5LT
> >dseaburg@web-access.net
> >
> >
> In a discussion on NT the other day, it was said that NT can not be "worked
> around" as WIN95 can to give you direct, dedicated access to the COM ports.
> The inference was that ALL programs must negotiate with NT for COM port
> access, which sounds like a potential problem for 'BPQ users.
>
> Is this information correct? I'm interested in NT, but have no personal
> experience with it.
>
>
> 73 DE Charles Brabham N5PVL
> Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
> E-Mail : n5pvl@texoma.com
> WWW : <http://www.texoma.com/~n5pvl>
>
>
>

NT does not let the hardware be accessed directly. In some instances such as hard disks and display adapters it will tell you directly that these are being accessed (and ask if you want the process to continue). Communication ports can be access by most programs without difficulty. If the program is a windows program it will most likely always go through.

G. Travis Roberts, KC7HHK
Assistant Network Administrator / MIS Hardware Specialist
Campbell Scientific, Inc.
815 West 1800 North
Logan, Utah 84321-1784
www.campbellsci.com

E-Mail: travis@csius.com
Telephone: (801) 750-9583
Fax: (801) 750-9579

125. Windows NT and Linux X-Windows

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Thu, 17 Oct 1996 15:57:47 -0600
To: bbssig@tapr.org
Message-ID: <199610172157.PAA14048@acca.nmsu.edu>
Rendered body type: text/plain

At 10:45 AM 10/17/96 -0500, you wrote:
>Karl F. Larsen wrote:
>>
>> snip....
>> Yes if your running NT at work I would recommend using it at home
>> too. It is hard to have 2 operating systems to deal with. But then I deal
>> with dos and win-95 and unix. It ain't bad, but I miss x-windows.
>
>The little bit I used X-Windows - in a class environment - I learned to
>hate it real quick. Now, I know I sound like I'm a dyed in the wool
>Microsoft fan, but I use their products at work extensively (Access,
>Excel, Word - much prefer Wordperfect, PowerPoint and Project), so I've
>gotten quite used to the MS Win paradigm. What really turned me off to
>X-Windows was when I would move the mouse pointer out-of-the way to get
>some work done I'd lose focus on that window, grrrrr.... That drove me
>crazy!
>>

snip....

Dale I like the way X-windows moves the screen around. It is very
powerful and easy to use, once you learn to use it. It is high quality stuff
but it makes you want a 25 inch monitor!

And the big difference between Windows NT and Linux is the price.

>However, I do intend to get Linux "learned", one of these fine days...
>
>73 - Dale.
>dseaburg@web-access.net
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

126. Re: [BBSSIG:3565] Re: NT

From: Dale Seaburg <dseaburg@web-access.net>
Date: Thu, 17 Oct 1996 17:08:14 -0500
To: bbssig@tapr.org
Message-ID: <3266AE4E.3574@web-access.net>
Rendered body type: text/plain

G. Travis Roberts wrote:
>
> > Date: Thu, 17 Oct 1996 12:33:30 -0500 (CDT)
> > Reply-to: bbssig@tapr.org
> > From: n5pvl@texoma.net (Charles Brabham)
> > To: bbssig@tapr.org
> > Subject: [BBSSIG:3563] Re: NT
>
> >
> > >I use NT at work and at home. Both are the 4.0 version. Be sure to get
> > >the 4.0 released version (not either beta - they are S L O W). Now,
> > >I'll be the first to admit that I have not tried to do any TSR stuff,
> > >but I do know that you can have a config.nt and autoexec.nt file. Try
> > >looking at the online helps under 'autoexec.nt' and follow your nose.
> > >Also, you can specify from a .pif file a different config.xxx and
> > >autoexec.xxx file for use specifically for that .pif.
> > >
> > >Do a little reading and I think you'll find some ideas to try. If I can
> > >get some time, I will try to do some experimenting myself.
> > >
> > >Good luck!
> > >
> > >73 - Dale. KG5LT
> > >dseaburg@web-access.net
> > >

> >
> > In a discussion on NT the other day, it was said that NT can not be "worked
> > around" as WIN95 can to give you direct, dedicated access to the COM ports.
> > The inference was that ALL programs must negotiate with NT for COM port
> > access, which sounds like a potential problem for 'BPQ users.
> >
> > Is this information correct? I'm interested in NT, but have no personal
> > experience with it.
> >
> >
> > 73 DE Charles Brabham N5PVL
> > Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
> > E-Mail : n5pvl@texoma.com
> > WWW : http://www.texoma.com/~n5pvl
> >
> >
> >
> >
> NT does not let the hardware be accessed directly. In some instances
> such as hard disks and display adapters it will tell you directly
> that these are being accessed (and ask if you want the process to
> continue). Communication ports can be access by most programs
> without difficulty. If the program is a windows program it will
> most likely always go through.
> G. Travis Roberts, KC7HHK
> Assistant Network Administrator / MIS Hardware Specialist
> Campbell Scientific, Inc.
> 815 West 1800 North
> Logan, Utah 84321-1784
> www.campbellsci.com
> E-Mail: travis@csius.com
> Telephone: (801) 750-9583
> Fax: (801) 750-9579

My limited experience with a DOS program under NT 3.51 is MSYS. It does
work with the com ports with no hassle. So, I assume that MSYS is "well
behaved"... I would like to try BPQ, and plan on doing so as soon as I
can get some time freed up. Between therapy for a dislocated shoulder,
a head cold and a busy schedule at work and home, maybe one of these
years, I'll get a "round-tuit"... ;-)

Dale. KG5LT
dseaburg@web-access.net

127. FORWARDING VIA TELEPHONE

From: kd4kao@juno.com (Harley w Patrick)
Date: Thu, 17 Oct 1996 20:25:28 EDT
To: bbssig@tapr.org
Message-ID: <19961017.194215.4623.3.KD4KA0@juno.com>
Rendered body type: text/plain

IF ANY PBBS SYSOP WOULD LIKE TO FORWARD VIA TELEPHONE. YOU ARE WELCOME TO
CALL THE PBBS IN COLUMBIA, SC AND I CAN SET SOMETHING UP WITH YOU. DROP
ME A MESSAGE ON PACKET.
PBBS # 803-957-7718

PATRICK - KD4KA0

128. Re: [BBSSIG:3568] FORWARDING VIA TELEPHONE

From: n7mrp@phxaz.ampr.org
Date: Thu, 17 Oct 96 18:52:43 EDT
To: bbssig@tapr.org
Message-ID: <211@phxaz.ampr.org>
Rendered body type: text/plain

Why not forward via the Internet...Sure is a heck of a lot cheaper and you
can find people willing to forward that way...Of course via radio is the best
as far as I am concerned.

Just my 2 cents :-)

Daniel

129. LOOKING FOR A FILE last chance (fwd)

From: Greg Jones <wd5ivd@tapr.org>
Date: Fri, 18 Oct 1996 00:12:44 -0500 (CDT)
To: bbssig@tapr.org (BBS SIG mailing), kb5sqk@tapr.org (Allen Finne)
Message-ID: <199610180512.AAA12749@tapr.org>

Rendered body type: text/plain

Can someone help Hector.

Please send e-mail directly to him using his address in the header.

Thanks - Greg

Forwarded message:

>From wp4dos@coqui.net Thu Oct 17 21:30:11 1996
Message-Id: <199610180228.WAA06845@server1.coqui.net>
From: "Hector Sancho" <wp4dos@coqui.net>
To: "Greg Jones" <wd5ivd@tapr.org>
Subject: LOOKING FOR A FILE last chance
Date: Thu, 17 Oct 1996 22:27:45 -0400
X-MSMail-Priority: Normal
X-Priority: 3
X-Mailer: Microsoft Internet Mail 4.70.1155
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I CHANGE MY E-MAIL FORMAT I'M USIN BASE64, NOW ONLY TEXT
FILE

Hi Greg :
I'm looking for tfwin.dll

I using WFBB 700a + BPQ408a + WINDOWS95 + QEMM8.01 + Internet Explorer 3.00
final version.

I trie to make a getway WFBB with Internet if you have any idea to do
thah please tell mi

thanks in avance for take of you time

and sory for my very bad english

sk sk sk //de WP4DOS(Hector)
+-----+
| WP4DOS : PACKET FWD BBS PONCE |
| Hector Sancho : Sysop KP4IG & WP4DOS |
| H Route : WP4DOS@WP4DOS.PCE.PR.USA.NA |
| QTH Locartor : FK68XA |
| E-Mail : wp4dos@coqui.net |
| Home Page : home.coqui.net/wp4dos/ |
+-----+

130. Re: [BBSSIG:3562] winfbb

From: KB6ZVP@aol.com
Date: Fri, 18 Oct 1996 05:58:42 -0400
To: bbssig@tapr.org
Message-ID: <961018055840_1611027990@emout19.mail.aol.com>
Rendered body type: text/plain

In a message dated 96-10-17 14:14:14 EDT, you write:

<< What are the advantages of running WinFBB and will it work with a BPQ
switch that is using mulitpal TNCs on a single comport. Any insite
would be appreciated. Also, how well does WinFBB run under NT 4.0.
I have both the server and workstation running at my home. I would
like to have it run on the server. Also, where can I find WinFBB so
that I can try this out for myself. Thanks
>>

If you intend to run a full blown BBS for Amateur Radio it is a very good
program. It runs above BPQ very well and supports up to four TNC's per
serial port. I run it with Win95, so I cannot comment about it's
compatibility with NT. If you intend to run a full blown BBS, the latest
info and updates can be obtained from ftp:funet.fi/pub/ham/packet/bbs/f6fbb.

73 - Mark, kb6zvp@aol.com

131. Re: FORWARDING VIA TELEPHONE

From: aa7ya@juno.com
Date: Fri, 18 Oct 1996 03:41:41 MST
To: bbssig@tapr.org
Message-ID: <19961018.042825.5351.2.aa7ya@juno.com>

Rendered body type: text/plain

On Thu, 17 Oct 1996 21:11:01 -0500 (CDT) n7mrp@phxaz.ampr.org writes:

> Why not forward via the Internet...Sure is a heck of a lot cheaper and
> you can find people willing to forward that way...Of course via radio
is
> the best as far as I am concerned.

Just curious, how is paying the ISP for Internet cheaper
than operating a radio? Not a flame, just curious to see
why you said Internet was cheaper.

> Just my 2 cents :-)

I'll see your 2 cents, and raise you 2 more.

> Daniel

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
aa7ya@juno.com

132. Re: [BBSSIG:3568] FORWARDING VIA TELEPHONE

From: aa7ya@juno.com
Date: Fri, 18 Oct 1996 03:53:44 MST
To: bbssig@tapr.org
Message-ID: <19961018.042825.5351.3.aa7ya@juno.com>
Rendered body type: text/plain

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
aa7ya@juno.com

On Thu, 17 Oct 1996 19:49:55 -0500 (CDT) kd4kao@juno.com (Harley w
Patrick) writes:
>IF ANY PBBS SYSOP WOULD LIKE TO FORWARD VIA TELEPHONE. YOU ARE >WELCOME
TO
>CALL THE PBBS IN COLUMBIA, SC AND I CAN SET SOMETHING UP WITH YOU.
>DROP
>ME A MESSAGE ON PACKET.
> PBBS # 803-957-7718
>
>PATRICK - KD4KAO
>
>

I thought you didn't like forwarding via phone links. I have
the proof to back me up, since I save the messages you
sent to me via E-Mail wanting to set up some HF forwarding,
and you mentioned in them that you didn't want to forward
via Internet (phone). Do I sense something here?, or did
you all of a sudden change your mind because I answered
your privately sent E-Mail that I received from you?

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
aa7ya@juno.com

133. Re: [BBSSIG:3573] Re: FORWARDING VIA TELEPHONE

From: n7mrp@phxaz.ampr.org
Date: Fri, 18 Oct 96 07:49:13 EDT
To: bbssig@tapr.org
Message-ID: <222@phxaz.ampr.org>
Rendered body type: text/plain

Internet is cheaper than Long Distance phone forwarding. Note my message said
at the end that of course Radio is the best as far as I am concerned.

Daniel

134. re: Internet Fwding

From: "Ralph T. Stetson, III KD1R" <rstetson@crossnet.org>
Date: Fri, 18 Oct 96 12:40:15 -0400
To: "bbssig@tapr.org" <bbssig@tapr.org>
Message-ID: <199610181436.JAA27740@hlc.hlc.net>
Rendered body type: text/plain

-- [From: Ralph T. Stetson, III KD1R * EMC.Ver #2.5.02] --

I would like to point out a couple of reasons why many SYSOPS do not care

for Internet FWDING.

First: Packet Radio is designed for information exchange via radio links not land line linking. Hence the name. Now if you do not have a viable HF or VHF link then you would be better served to develop such a link. After all we are supposed to be masters of getting the job done via radios, not computers. Even though it often appears to be a natural extension of what we are doing with our computers and the packet systems at hand. From what I have read our brothers and sister in Europe have developed the requisite high speed systems and are actively using these links for message transfers of all types. Yet we here in the states are still looking for any way we can to keep our 1200 baud systems intact....

Second: There has been a over abundance of duplicate messages generated especially in the WW distribution. Apparently due to not paying close attention to keeping the assigned MID/BID intact. These are very essential elements for maintaining network integrity. I do understand that a SYSOP can keep these items in order by paying attention to the job at hand and using correct software.

In closing I do have a problem with mail that is going into the internet for forwarding.

To that end I believe that we need to individually reconsider just why were are involved as PBB5 SYSOP's.

I would like to add that I believe one way that the Internet has been most beneficial is in the bulk distribution of bulletins wether they be from ARRL , TAPR or any of the different DX messages that are sent out over a weeks time to get the timely distribution they require.

If you need faster service for a personal message then use the Internet, Telephone or Snail Mail. Each has its own reason to exist. Lets try and remember that.

Thanks to the works of folks like W0RLI, AA4RE, KA2BQE, F6FBB we have many systems of integrity in existence today. Each uses an agreed upon standard of message handling that also need to be universally adhered to by each of us as SYSOP's. If you no longer have that time then it is time for you to take a vacation from the Mailbox. Perhaps your skills could be better served by helping to improve our much neglected back bones. Instead of perpetuating a myth of how well Packet Radio works by using the Internet for forwarding.

In closing my apologies for the excessive band width.... I was trying to clearly state my position and that of many other PBB5 Mailbox SYSOPs that I talk with who do not participate here in this sig. We often forget the hundred or so who do not for one reason or the other who do sit down and state a position. Yet are extremly successfull supporters of the existing Packet Mailbox system we currently enjoy.

Please let us rethink the current direction I see participant of this sig going towards. Instead let us refocus our energies to making the back bone systems more viable. At the same time let us also remember the importance of keeping our regional distrubutions in a given region. Opps thats another whole discussion now, is it not...:)

Ralph T. Stetson KD1R
943 Osgood Hill Road
Westford, VT 05494
kd1r@kd1r.#nwvt.vt.usa.noam

--

The past is our Heritage.
The present is our Responsibility.
The future is our Challenge.

135. Re: [BBSSIG:3569] Re: FORWARDING VIA TELEPHONE

From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Fri, 18 Oct 1996 09:42:18 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961018174218.006dad30@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 09:11 PM 10/17/96 -0500, you wrote:

>Why not forward via the Internet...Sure is a heck of a lot cheaper and you
>can find people willing to forward that way...Of course via radio is the best
>as far as I am concerned.

>

>Just my 2 cents :-)

Why not forward via HAM RADIO?

(Or is the the Amateur Telephone Operator mailing list?)

Hank Oredson @ Mentor Graphics Library Operations
Internet : hank_oredson@mentorg.com "Parts 'R Us!"
Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM

136. Re: [BBSSIG:3570] FWD via Internet, not phone bbs

```
From: rmackay@cycor.ca (Ron VE1AIC)
Date: Fri, 18 Oct 1996 20:44:04 -0300
To: bbssig@tapr.org
Message-ID: <199610182344.UAA21535@bud.peinet.pe.ca>
Rendered body type: text/plain

>> Asunto: [BBSSIG:3568] FORWARDING VIA TELEPHONE
>> Fecha: Thursday, October 17, 1996 8:49 PM
>
>I'm include a littel atach of FWD file in zip mode
> sk sk sk //de WP4DOS(Hector)
>+-----+
>| WP4DOS           : PACKET FWD BBS PONCE           |
>| Hector Sancho    : Sysop WP4DOS & Cosysop of KP4IG |
>| H Route          : WP4DOS@WP4DOS.PCE.PR.USA.NA    |
>| QTH Locartor     : FK68XA                           |
>| E-Mail           : wp4dos@coqui.net                 |
>| Home Page        : home.coqui.net/wp4dos/           |
>+-----+
>
>Content-Type: application/octet-stream; name="W0win.zip"
>Content-Description: W0win (ZIP File)
>Content-Disposition: attachment; filename="W0win.zip"
>
>
```

I'm not pleased to have received this unwanted attachment that went out to all members of BBSSIG. It was over 600K which is not "littel" at all. Please do this by private E-mail instead.

-

Ron Mackay Packet: VE1AIC@VE1AIC.PE.CAN.NOAM
Cornwall, PE E-mail: rmackay@peinet.pe.ca

137. RE: [BBSSIG:3578] Re: FWD via Internet, not phone bbs

```
From: "Hector Sancho" <wp4dos@coqui.net>
Date: Fri, 18 Oct 1996 22:24:03 -0400
To: <bbssig@tapr.org>
Message-ID: <199610190224.WAA23027@server1.coqui.net>
Rendered body type: text/plain
```

MY APOLOGY TO ALL MEMBERS FOR A LITTLE MISTAKE;
BUT AS
YOU ALL KNOW; WE HUMAN BEINGS DO MAKE LITTLE BIG
MIS-
TAKES ONCE IN A WHILE. UNFORTUNATELY I TRIED IN
THE
WRONG WAY TO SEND THE MESSAGE TO ONE SPECIFIC
STATION
ADDRESS; AND GUESS WHAT HAPPEND? * * * * * NOW I
HAVE A COUPLE HUNDREDS OF NEW UNESPECTED
FRIENDS.

REGARDS,

```
sk sk sk //de WP4DOS(Hector)
+-----+
+-----+
| WP4DOS           : PACKET FWD BBS PONCE           |
| |
| Hector Sancho    : Sysop KP4IG & WP4DOS           |
| |
| H Route          : WP4DOS@WP4DOS.PCE.PR.USA.NA    |
| QTH Locartor     : FK68XA                           |
| |
| E-Mail           : wp4dos@coqui.net                 |
| |
```

```

| Home Page      : home.coqui.net/wp4dos/
|
+-----+
-----+

-----
> De: Ron VE1AIC <rmackay@cycor.ca>
> A: bbssig@tapr.org
> Asunto: [BBSSIG:3578] Re: FWD via Internet, not
phone bbs
> Fecha: Friday, October 18, 1996 7:55 PM
>
> > Asunto: [BBSSIG:3568] FORWARDING VIA
TELEPHONE
> > Fecha: Thursday, October 17, 1996 8:49 PM
> >
> > I'm include a littel atach of FWD file in zip
mode
> > sk sk sk //de WP4DOS(Hector)
>
>+-----+
-----+
> >| WP4DOS      : PACKET FWD BBS PONCE
|
> >| Hector Sancho : Sysop WP4DOS & Cosysop of
KP4IG |
> >| H Route      : WP4DOS@WP4DOS.PCE.PR.USA.NA
|
> >| QTH Locartor  : FK68XA
|
> >| E-Mail       : wp4dos@coqui.net
|
> >| Home Page    : home.coqui.net/wp4dos/
|
>
>+-----+
-----+
> >
> >Content-Type: application/octet-stream;
name="W0win.zip"
> >Content-Description: W0win (ZIP File)
> >Content-Disposition: attachment;
filename="W0win.zip"
>
> >
>
> I'm not pleased to have received this unwanted
attachment that went out to
> all members of BBSSIG. It was over 600K which
is not "littel" at all.
> Please do this by private E-mail instead.
> -
> ----
> Ron Mackay      Packet:
VE1AIC@VE1AIC.PE.CAN.NOAM
> Cornwall, PE    E-mail: rmackay@peinet.pe.ca
> -----
>

```

138. Re: [BBSSIG:3579] Re: FWD via Internet, not phone bbs

```

From: Steve Ashenfelter <n8xsf@primenet.com>
Date: Fri, 18 Oct 1996 23:24:19 -0400
To: bbssig@tapr.org
Message-ID: <199610190323.UAA06522@primenet.com>
Rendered body type: text/plain

At 09:39 PM 10/18/1996 -0500, you wrote:
>MY APOLOGY TO ALL MEMBERS FOR A LITTLE MISTAKE; BUT AS
>YOU ALL KNOW; WE HUMAN BEINGS DO MAKE LITTLE BIG MIS-
>TAKES ONCE IN A WHILE. UNFORTUNATELY I TRIED IN THE
>WRONG WAY TO SEND THE MESSAGE TO ONE SPECIFIC STATION
>ADDRESS; AND GUESS WHAT HAPPEND? * * * * * NOW I
>HAVE A COUPLE HUNDREDS OF NEW UNESPECTED FRIENDS.

>
>      REGARDS,
>
> sk sk sk //de WP4DOS(Hector)

```

```

>+-----+
>| WP4DOS      : PACKET FWD BBS PONCE      |
>| Hector Sancho : Sysop KP4IG & WP4DOS    |
>| H Route      : WP4DOS@WP4DOS.PCE.PR.USA.NA |
>| QTH Locartor  : FK68XA                  |
>| E-Mail       : wp4dos@coqui.net          |
>| Home Page    : home.coqui.net/wp4dos/    |
>+-----+
>

```

So, it took a while to download. All I did was delete it off of my hard drive. No harm done.

```

*****
* Steve Ashenfleter N8XSF      Northwest Ohio Skywarn Home page *
* n8xsf@primenet.com          http://www.geocities.com/Yosemite/1256/ *
* N8XSF@N8XSF.#NWOH.OH.USA.NA Check out the new look! *
*****

```

139. RE: [BBSSIG:3563] Re: NT

From: David Stirrup <daves@aquasoft.com.au>
Date: Sat, 19 Oct 1996 13:47:59 +1000
To: "'bbssig@tapr.org'" <bbssig@tapr.org>
Message-ID: <01BBBDC4.245E2550@syd2-ppp-123.tpgi.com.au>
Rendered body type: text/plain

Hello all

This response does not address whether BPQ can work under Windows NT but rather tries to communicate how DOS programs that directly access hardware, can work with Windows NT ver 4.0

Firstly lets get the concept of what a "DOS box" is out of the way. Windows NT uses a protected mode kernel. This means that all access to any hardware has to go through the kernel. To provide the illusion of a real MSDOS running what happens is that a set of drivers and a BIOS image are implemented that translate the DOS request to a Windows NT system request (via Win32 - DOS thunking). This give rise to the term "virtual machine" It is mostly smoke and mirrors and lets a DOS application think its is running in real DOS (almost) and as such is often refered to as a DOS box.

For a DOS application to access hardware directly, a virtual DOS driver has to be created to pass the data through to the kernel and then the hardware from the DOS box. A good example of where certain applications need to access hardware directly is performance based graphical games and specialised hardware drivers like Baycom. For the games applications Microsoft wrote a emulator for the video graphics buffers that lets a game or whatever think it is talking directly to the graphics card. In reality the program talks to the emulator which then passes the raw data to the real video card. This is emulation is known as a VXD and can be likened to a proxy service. The same has been done for the Comm ports under Windows95 and I think (but have not checked yet) that this has also been added to Windows NT version 4.0 so things like BPQ may work

By the way, for non standard DOS hardware there is software available that is a "generic" hardware access VXD. Basically this is a toolkit of software where you enter the I/O ports or memory address range you want to access and then it does all the kernel stuff for you.

The only real problem with these DOS (and Windows 3.x) subsystems is a timing issue. Because there is 2 layers (VXD & kernel) between the program and the hardware, the predictability of DOS hardware timing dissappears. The response time becomes dependant on how busy the Windows NT operating systems is as a whole. If it is lightly loaded then you will have a mostly stable response time from the system. If the system is busy then the DOS program requests can sit around in data queus waiting to be processed and if this is timing critical then you may lose data etc. The Baycom and similar timing critical software can be subject to this problem if the delay is an extended one. I saw a commentary by one of the Baycom authors where he explained that the software was not as sensitive to these timing variations as I would have originally expected.

Whether BPQ has a timing sensitivity I do not know. But at 1200 bps I suspect not with a decent NT machine.

Hope this information assists in assessing the applicability of using Windows NT and amateur DOS software in general.

73's

Dave Stirrup VK2XDS
Sydney, Australia.

Email: daves@aquasoft.com.au

From: Charles Brabham
Sent: Friday, 18 October 1996 3:33
To: bbssig@tapr.org

Subject: [BBSSIG:3563] Re: NT

>In a discussion on NT the other day, it was said that NT can not be "worked
>around" as WIN95 can to give you direct, dedicated access to the COM ports.
>The inference was that ALL programs must negotiate with NT for COM port
>access, which sounds like a potential problem for 'BPQ users.

>Is this information correct? I'm interested in NT, but have no personal
>experience with it.

>73 DE Charles Brabham N5PVL
>Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
>E-Mail : n5pvl@texoma.com
>WWW : http://www.texoma.com/~n5pvl

140. Re: [BBSSIG:3579] Re: FWD via Internet, not phone bbs

From: n5pvl@texoma.net (Charles Brabham)
Date: Sat, 19 Oct 1996 00:07:44 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610190507.AAA22791@mercury.texoma.net>
Rendered body type: text/plain

>MY APOLOGY TO ALL MEMBERS FOR A LITTLE MISTAKE;
>BUT AS
>YOU ALL KNOW; WE HUMAN BEINGS DO MAKE LITTLE BIG
> MIS-
>TAKES ONCE IN A WHILE. UNFORTUNATELY I TRIED IN
>THE
>WRONG WAY TO SEND THE MESSAGE TO ONE SPECIFIC
>STATION
>ADDRESS; AND GUESS WHAT HAPPEND? * * * * * NOW I
>HAVE A COUPLE HUNDREDS OF NEW UNESPECTED
>FRIENDS.
>

Hector, we all make a mistake every now and then. Don't feel alone in this!

There will always be somebody who will pretend that THEY never made a
mistake. These are the kind of people it is best to ignore.

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : http://www.texoma.com/~n5pvl

141. Re: [BBSSIG:3581] Re: NT

From: n5pvl@texoma.net (Charles Brabham)
Date: Sat, 19 Oct 1996 00:13:25 -0500 (CDT)
To: bbssig@tapr.org
Message-ID: <199610190513.AAA23341@mercury.texoma.net>
Rendered body type: text/plain

According to Dave, VK2XDS..

>Whether BPQ has a timing sensitivity I do not know. But at 1200 bps I
suspect not with a decent NT machine.
>

That doesn't sound too good for NT/BPQ.. Who wants to tie up a 16MB Pentium
(by keeping it "lightly loaded") to run an application which will work just
fine on any 286?
Not me, especially since 1.2kb stuff is finally on it's way out.

>Hope this information assists in assessing the applicability of using
Windows NT and amateur DOS software in general.
>

I found your posting to be very informative, Dave. Thanks!

73 DE Charles Brabham N5PVL
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
E-Mail : n5pvl@texoma.com
WWW : http://www.texoma.com/~n5pvl

142. RE: [BBSSIG:3583] Re: NT

From: David Stirrup <daves@aquasoft.com.au>
Date: Sat, 19 Oct 1996 16:57:16 +1000
To: "'bbssig@tapr.org'" <bbssig@tapr.org>
Message-ID: <01BBBDDE.95AFB3D0@syd2-ppp-123.tpgi.com.au>
Rendered body type: text/plain

Thanks Charles,

I am glad the info is of use.

The primary solution to sorting out timing problems under NT would be to create a device driver that runs with the kernel and then passes blocks of data via a VXD to whatever DOS application is required like BPQ. Having the direct hardware interface like a KISS driver running as a native 32bit device driver removes the timing problem.

I have participated in the writing of a NT network card device driver and it is not a huge challenge but the VXD driver is the real problem. I have not done one before and from what I see in the developer lists it is "fiddly" to get running properly.

If there is someone keener to create this than me then I would assist them happily where I can.

The reality for multitasking operating systems nowadays is that they need lots of memory and CPU grunt. Even your suggested 16Mb is actually light on for NT as it is happier (or I should say the HD does not get thrashed) with about 20 - 24 Mb of RAM.

That is the strength of DOS. Take one reasonable performance 16 bit CPU (aka 286-16), add 4 Mb RAM, fast HD and an OLDER DOS like 3.31 and you have an excellent single purpose platform for amateur usage.

The down side to the DOS platform is the FAT file system, the ability of something going wrong in software terminating the operating system and the number of machines (ie desktop space) required to put a half decent cluster together.

So I suppose the real attraction of bringing the existing DOS based applications across to a multitasking operating system is the condensing of functionality and potential ability to recover from "spurious" application errors.

To be honest I expect that BPQ will run OK under NT 4.0 at 38400+ but my real concern would be when using the diode matrix to multiplex TNC's

Not sure if the list is overly interested in all this NT stuff so I will cut it short.

Regards to all,

Dave Stirrup VK2XDS.

From: Charles Brabham
Sent: Saturday, 19 October 1996 15:22
To: bbssig@tapr.org
Subject: [BBSSIG:3583] Re: NT

>According to Dave, VK2XDS..

>>Whether BPQ has a timing sensitivity I do not know. But at 1200 bps I
>>suspect not with a decent NT machine.

>That doesn't sound too good for NT/BPQ.. Who wants to tie up a 16MB Pentium
>(by keeping it "lightly loaded") to run an application which will work just
>fine on any 286?
>Not me, especially since 1.2kb stuff is finally on it's way out.

>73 DE Charles Brabham N5PVL
>Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA
>E-Mail : n5pvl@texoma.com
>WWW : http://www.texoma.com/~n5pvl

143. Re: [BBSSIG:3570] FWD via Internet, not phone bbs

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)
Date: Sat, 19 Oct 1996 12:19:44 GMT
To: bbssig@tapr.org
Message-ID: <326873df.8236278@hannibal.wncc.cc.ne.us>
Rendered body type: text/plain

On Thu, 17 Oct 1996 22:30:12 -0500 (CDT), you said:

~~~~~

Extremely long attachment deleted. I'm sure I won't be the only one to complain about this. Whoever this person is should be blacklisted from the list IMMEDIATELY!

Nuff sedd! Go away! Don't come back!

Gary

---

#### 144. Re: HELP, Please UNSUB me!

From: veldrg!veldrg!Brian.Robertson@glinx.com@glinx.com (VE1WBR)  
Date: Sat, 19 Oct 96 09:19:00 -0300  
To: BBSSIG@tapr.org  
Message-ID: <8CA922F.00C9006F10.uuout@glinx.com>  
Rendered body type: text/plain

G'day Everyone,

I've tried everything to "unsubscribe" from the "bbssig" and so far nothin has worked. I've tried upper/lower case, putting the unsubscribe in the subject as well as the body of the message. Nothing is working. Perhaps the email is still using my OLD address and is being piped through my shell account. I've sent this message to "Barry" without a response so perhaps sending to ALL on th "SIG" will jog someone into removing me from this newsgroup. And yes i've sent an unsubscribe to "listserv" as well as "listproc".  
Anyway here is my OLD and NEW addresses:

OLD: veldrg!brian.robertson@busicomp.ns.ca  
NEW: veldrg!velwbr@glinx.com  
OR this address: veldrg!brian.robertson@glinx.com

The following is the output from the "listproc", however i'm still getting mail on a daily basis.

Ummm if the security is this inadequate on "tapr.org" anyone could "hack" the system without leaving a trace. Food for thought!!

Best 73 de Brian

```
=====
BBS: Ted's PcBoard BBS
Date: 09-06-96 (16:22)          Number: 23224
From:LISTPROC                  Refer#: NONE
To: VE1WBR                     Recvd: NO (PVT)
Subj: Error Condition Re: Inval Conf: (201) InterNetE
-----
@TO:velwbr                      N
@FROM:listproc@tapr.org         N
@SUBJECT:Error Condition Re: Invalid request
@UMSGID :199609062122.QAA26690@tapr.org      N
Date: Fri, 6 Sep1996 16:22:25 -0500 (CDT)
Message-Id: 199609062122.QAA26690@tapr.org
From:listproc@tapr.org
Subject: Err or Condition Re: Invalid request
```

UNSUBSCRIBE BBSSIG

VE1DRG!VE1WBR@GLINX.COM: You are not subscribed to bbssig@tapr.org

Report any problems to 'barry@ia.net'.  
For a list of the available requests send a message to listproc@tapr.org with a body consisting of nothing but the word HELP

PS: Any subsequent requests that you might have submitted have been ignored.

```
=====
=====
```

---

#### 145. Re: [BBSSIG:3585] Re: FWD via Internet, not phone bbs

From: "Stan Vandiver" <kd9be@thor.pla-net.net>  
Date: Sat, 19 Oct 1996 11:41:30 +0000  
To: bbssig@tapr.org  
Message-ID: <9610191646.AA03529@thor.pla-net.net>  
Rendered body type: text/plain

> On Thu, 17 Oct 1996, Gary McDuffie said:  
>  
> Extremely long attachment deleted. I'm sure I won't be the only one to  
> complain about this. Whoever this person is should be blacklisted from =  
> the  
> list IMMEDIATELY!

>  
> Nuff sedd! Go away! Don't come back!  
>  
> Gary

Hey, Hector said he was sorry... give him a break. None of us were born perfect, so things like that can happen once in awhile. I've certainly made plenty of mistakes in my ham career.... and even after 18 years, I'm still not perfect!

Maybe it is YOU who should be blacklisted for being so rude about it?

This is, after all, supposed to be a \*friendly\* forum, isn't it?

The long download was mildly annoying, but not a reason to condemn Hector to the proverbial 'bit bucket' for the rest of his life! He was trying to help someone... trying to be friendly... and \*THAT\* is what this list is about, IMHO.

If everyone was \*SO\* annoyed with this mistake, then perhaps the fine folks at TAPR can (or should?) restrict the list server so that it will not accept attachments from any of us. I don't really think that is necessary, but then, how many attachments have really been useful to \*everyone\* on the list?

Best regards to all,  
Stan/KD9BE  
<http://www.pla-net.net/~kd9be/>  
(Still waiting on the Gate 2 lottery for a new callsign!)

---

## 146. Re: [BBSSIG:3577] Re: FORWARDING VIA TELEPHONE

From: vodall@bigsky.com  
Date: Sat, 19 Oct 1996 11:55:42 -0700 (MDT)  
To: bbssig@tapr.org  
Message-ID: <m0vEfcg-0002g7C@mtewe.bigsky.com>  
Rendered body type: text/plain

>  
> >Why not forward via the Internet..  
>  
> Why not forward via HAM RADIO?  
>  
> Hank Oredson @ Mentor Graphics                      Library Operations

Absolutely!!!

But.....

It needs to be said again. And again and again. And again!

We need multicasting on HF!  
We need multicasting on HF!  
We need multicasting on HF!  
We need multicasting on HF!

The existing technology of point-to-point forwarding is good for land-line connections. Not HF where many stations may be listening and even trying to share the resources.

We need multicasting on HF!

The satellites use a one-to-many protocol. You don't see them trying to pass traffic to one station at a time. Ever try to send a message to MIR?

We need multicasting on HF!

HF is very much like the satellites. Only instead of the transmitter moving, propagation shifts.

We need multicasting on HF!

We have WISP on windows. An old version of PE1CHL(?) NOS had code to receive the satellites multicast packets.

We need multicasting on HF!

If the "forwarding hubs" on HF were using the satellite multicast protocol, anybody listening could import bulletins to their local networks. It would take half a Baycom modem and a medium quality short wave receiver. An investment about the price of an 14k4 modem these days.

We need multicasting on HF!

The key is not fancy new protocols and expensive hardware, it's basic software. Isn't 300 baud packet to 100 stations == 30,000 baud data throughput???

We need multicasting on HF!

As long as we use totally inappropriate technologies and modes on HF, where success comes only to a few, it's no wonder folks migrate to a system (Internet forwarding) that works mucho better.

We need multicasting on HF!

Let's make RF work like RF should work. Then there won't be any need or desire to pass traffic using the old, inefficient crude, and expensive modes like landlines or Internet Email.

73,  
Bill - WA7NWP

---

#### 147. Re: [BBSSIG:3588] Re: FORWARDING VIA TELEPHONE

From: rmackay@cycor.ca (Ron VE1AIC)  
Date: Sat, 19 Oct 1996 17:33:26 -0300  
To: bbssig@tapr.org  
Message-ID: <199610192033.RAA09628@bud.peinet.pe.ca>  
Rendered body type: text/plain

>We need multicasting on HF!  
>  
[snip]

>As long as we use totally inappropriate technologies and modes on HF,  
>where success comes only to a few, it's no wonder folks migrate  
>to a system (Internet forwarding) that works mucho better.

>  
>  
>73,  
>Bill - WA7NWP

>  
>  
Yes Bill, agree 100%, my 20m BBS port sits idle most of the time with only the occasional Personal msg in or out. I would be glad to QSY to a spot where I can let the BBS sit there and receive bulletins all day (and night) instead of doing nothing.  
So lets get some concencious on software etc and start some experiments.  
73 - Ron  
VE1AIC

---

#### 148. Re: [BBSSIG:3585] Re: FWD via Internet, not phone bbs

From: Paul Kearney <ei7gm@iol.ie>  
Date: Sat, 19 Oct 1996 23:21:29 +0100 (BST)  
To: bbssig@tapr.org  
Message-ID: <Pine.sol.3.90.961019231922.15587A-100000@joyce.iol.ie>  
Rendered body type: text/plain

>  
> Extremely long attachment deleted. I'm sure I won't be the only one to  
> complain about this. Whoever this person is should be blacklisted from =  
> the  
> list IMMEDIATELY!  
>  
> Nuff sedd! Go away! Don't come back!  
>

AHHHHhhhh yes , another classic , " I've never made a mistake in my life "  
so anyone who does is not wanted.

It must be lonely being so perfect.



## 149. Please Unsubscribe

From: "Brian" <vk4bbs@ozemail.com.au>  
Date: Sat, 19 Oct 1996 23:58:43 +0100  
To: <bbssig@tapr.org>  
Message-ID: <199610192359.JAA01563@oznet02.ozemail.com.au>  
Rendered body type: text/plain

Hi Once again

You, by now, have read my previous message about having problems  
UNsubscribing..

So far no replies..

Please would some one tell me how to unsubscribe correctly or would  
someone please remove me from the list.

Thanks in advance

Rgds Brian

---

## 150. Re: FORWARDING VIA TELEPHONE

From: aa7ya@juno.com  
Date: Fri, 18 Oct 1996 19:18:09 MST  
To: bbssig@tapr.org  
Message-ID: <19961019.202245.5335.2.aa7ya@juno.com>  
Rendered body type: text/plain

On Fri, 18 Oct 1996 09:54:18 -0500 (CDT) n7mrp@phxaz.ampr.org writes:

> Internet is cheaper than Long Distance phone forwarding. Note my  
> message said at the end that of course Radio is the best as far as I am  
> concerned.

Even if the Internet was a local call, your still paying for the call,  
since this comes out to be the two nasty words that pop up from  
time to time.... "usage fee". So it looks as though you have not  
done some research on this theory that the "Internet is cheaper".  
A-O-L has a TOLL FREE number to call, but they charge 11 cents a  
minute, same as a long distance toll call, even though you called an  
800 number to access them.

> Daniel

---

## 151. Re: [BBSSIG:3590] Re: FWD via Internet, not phone bbs

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)  
Date: Sun, 20 Oct 1996 02:53:47 GMT  
To: bbssig@tapr.org  
Message-ID: <326a8cc5.50644914@hannibal.wncc.cc.ne.us>  
Rendered body type: text/plain

On Sat, 19 Oct 1996 17:43:31 -0500 (CDT), you said:

> > Extremely long attachment deleted. I'm sure I won't be the only one to  
> > complain about this. Whoever this person is should be blacklisted from  
> > the list IMMEDIATELY!

> AHHHHhhhh yes , another classic , " I've never made a mistake in my life "  
> > so anyone who does is not wanted.  
>  
> It must be lonely being so perfect.

You have no idea what you are talking about. I've made many, just as you  
probably have. Didn't you get your ass chewed when you made yours? If  
not, you certainly lead a sheltered life and didn't learn much from your  
mistakes.

End of discussion (at least on my part). You are entitled to your opinion,  
same as I am. Nothing wrong with either, since it is just that - opinion.

And to the person who made the statement about it being a "small" error...  
You call an 11 thousand line uninvited email small? Not in my book.

Gary

## 152. Re: FORWARDING VIA TELEPHONE

From: aa7ya@juno.com  
Date: Sat, 19 Oct 1996 20:53:49 MST  
To: bbssig@tapr.org  
Message-ID: <19961019.213519.5335.8.aa7ya@juno.com>  
Rendered body type: text/plain

On Sat, 19 Oct 1996 13:16:21 -0500 (CDT) vodall@bigsky.com writes:

```
>> >Why not forward via the Internet..
>>
>> Why not forward via HAM RADIO?
>>
>> Hank Oredson @ Mentor Graphics           Library Operations
>
>
> Absolutely!!!
>
>
> But.....
>
>
> It needs to be said again.  And again and again.  And again!
>
>
> We need multicasting on HF!
> We need multicasting on HF!
> We need multicasting on HF!
> We need multicasting on HF!
>
[ SNIP... SNIP...]
> Let's make RF work like RF should work.  Then there won't
> be any need or desire to pass traffic using the old, inefficient
> crude, and expensive modes like landlines or Internet Email.
>
>73,
>Bill - WA7NWP
>
>
```

OPEN REQUEST TO ALL---

Anyone wishing to forward on HF? I had my station down while I was doing the summer grain harvest here, and I lost my forwarding partner. Listened for him, and didn't find him anywhere. So I am without any forwarding on my HF port until I can make arrangements to get back on the air. Anyone up for the challenge of doing some REAL RF forwarding? I can get on all the major HF bands, and even the WARC frequencies, with my antenna's. Return mail addresses below to reach me. I am even set up to route IP traffic within the state of Montana and set up to return IP traffic out via HF from the VHF network here. I am using JNOS ver. 1.10M(.)

Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
aa7ya@juno.com

---

## 153. Re: [BBSSIG:3588] Re: FORWARDING VIA TELEPHONE

From: George Salinas <saltair@hargray.com>  
Date: Sun, 20 Oct 1996 01:03:53 -0400  
To: bbssig@tapr.org  
Message-ID: <3269B2B9.728@hargray.com>  
Rendered body type: text/plain

vodall@bigsky.com wrote:

```
>
> >
> > >Why not forward via the Internet..
> >
> > Why not forward via HAM RADIO?
> >
> > Hank Oredson @ Mentor Graphics           Library Operations
>
>
> Absolutely!!!
>
>
> But.....
```

```

>
> It needs to be said again. And again and again. And again!
>
> We need multicasting on HF!
> We need multicasting on HF!
> We need multicasting on HF!
> We need multicasting on HF!
>
>
> Let's make RF work like RF should work. Then there won't
> be any need or desire to pass traffic using the old, inefficient
> crude, and expensive modes like landlines or Internet Email.
>
> 73,
> Bill - WA7NWP

```

OK OK. Message (We need multicasting on HF) received loud and clear.

I'm game. Tell me how it is done. Better yet, tell the code smiths how to do it and lets get rolling.

73, George KD4FJ.

---

## 154. Re: [BBSSIG:3594] Re: FORWARDING VIA TELEPHONE

```

From: George Salinas <saltair@hargray.com>
Date: Sun, 20 Oct 1996 01:21:40 -0400
To: bbssig@tapr.org
Message-ID: <3269B6E4.2CF3@hargray.com>
Rendered body type: text/plain

aa7ya@juno.com wrote:
>
> On Sat, 19 Oct 1996 13:16:21 -0500 (CDT) vodall@bigsky.com writes:
>
> >> >Why not forward via the Internet..
> >>
> >> Why not forward via HAM RADIO?
> >>
> >> Hank Oredson @ Mentor Graphics           Library Operations
> >
> >
> > Absolutely!!!
> >
> >
> > But.....
> >
> >
> > It needs to be said again. And again and again. And again!
> >
> >
> > We need multicasting on HF!
> > We need multicasting on HF!
> > We need multicasting on HF!
> > We need multicasting on HF!
> >
> >
> > [ SNIP... SNIP...]
> >
> > Let's make RF work like RF should work. Then there won't
> > be any need or desire to pass traffic using the old, inefficient
> > crude, and expensive modes like landlines or Internet Email.
> >
> >
> >73,
> >Bill - WA7NWP
> >
> >
> > OPEN REQUEST TO ALL---
> >
> > Anyone wishing to forward on HF? I had my station down
> > while I was doing the summer grain harvest here, and I lost
> > my forwarding partner. Listened for him, and didn't find him
> > anywhere. So I am without any forwarding on my HF port
> > until I can make arrangements to get back on the air. Anyone
> > up for the challenge of doing some REAL RF forwarding? I can
> > get on all the major HF bands, and even the WARC frequencies,
> > with my antenna's. Return mail addresses below to reach
> > me. I am even set up to route IP traffic within the state of

```

> Montana and set up to return IP traffic out via HF from the  
> VHF network here. I am using JNOS ver. 1.10M(.)  
>  
> Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
> aa7ya@juno.com

Stacey,

I would like to take your request under consideration but at a future date. I closed down my PBBS station down here in Beaufort, SC in preparation for a move to Harlingen, Texas.

Once there and set up lets rock and roll on HF.

Will notify you when I am ready.

73, George, KD4FJ.

---

## 155. Re: [BBSSIG:3592] Re: FORWARDING VIA TELEPHONE

From: n7mrp@phxaz.ampr.org  
Date: Sat, 19 Oct 96 23:56:02 EDT  
To: bbssig@tapr.org  
Message-ID: <241@phxaz.ampr.org>  
Rendered body type: text/plain

I've done plenty of research. My internet connections, 3 of them are all free and the only thing I am paying for is my domain name on one of my commercial accounts. There are a significant amount of folks that have free accounts and you can find one just about anywhere if you look in the right places and make the right connections. So "Internet Is indeed Cheaper." Off my soapbox and no further comments.

Daniel

---

## 156. Re: [BBSSIG:3591] Please Unsubscribe

From: KB6ZVP@aol.com  
Date: Sun, 20 Oct 1996 10:09:17 -0400  
To: bbssig@tapr.org  
Message-ID: <961020100916\_214910683@emout08.mail.aol.com>  
Rendered body type: text/plain

Perhaps the attached file will help you unsubscribe.

73 - Mark, kb6zvp@aol.com  
[Attachment: LIST.TXT; text/plain; 6,337 bytes]

---

## 157. F6CNB bbs

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sun, 20 Oct 1996 17:40:29 -0600  
To: bbssig@tapr.org  
Message-ID: <199610202340.RAA23883@acca.nmsu.edu>  
Rendered body type: text/plain

I have not been able to forward with Remi Hutin for a week now. For 5 years he has been my major route east from here in NM. Someone said they had seen a message from Remi saying he had so few local users he was going to get out of packet bbs things.

This afternoon I connected to both his JNOS internet Gateway systems and was not able to reach a bbs. Has anyone else had better luck?

73, de karl aka k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 158. FBB "L" listing Meaning

From: Dale Seaburg <dseaburg@web-access.net>  
Date: Sun, 20 Oct 1996 19:28:34 -0500  
To: bbssig@tapr.org  
Message-ID: <326AC3B2.6B7F@web-access.net>  
Rendered body type: text/plain

I have an FBB newbie question:

I remember someone a while back posting the meaning of the 4

single-character bulletin status columns labeled 'TSLD'. I seem to have deleted that message. Would someone please be so kind to reiterate those column meanings.

I have two messages labeled PNL and PNLD and would like to know exactly what they mean. Sorry for my ignorance - new to FBB with lots of MSYS experience, which isn't helping me right now!

Thanks.  
73 - Dale. KG5LT  
dseaburg@web-access.net

---

## 159. Re: [BBSSIG:3597] Re: FORWARDING VIA TELEPHONE

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>  
Date: Mon, 21 Oct 1996 10:14:01 +1200  
To: bbssig@tapr.org  
Message-ID: <326c0430.zl2tze@zl2tze.mlb.planet.gen.nz>  
Rendered body type: text/plain

Hi,

I am 100% sure that there are viable HF paths to NZL that can handle the @ WW distribution of mail at the current amount..

I am also 100% sure that if these paths were available and the HF or VHF networks were up to handling all this mail that they would be used.

The days of Bulletin mail taking 20 days to arrive from the STATES /GBR to other countries is OVER ..

You see it is not always a cost factor that makes one turn to Internet there are various other things ..

Many have said if it is not there put it there, but why should a private operator , with no support from others go out and lash out hard cash to put something up that could cost 1000s of dollars so he can get mail from point A to B no one else will appreciate his hard work..

Not everyone or every country has the means to fwd mail 100% via the packet network , some seem to think that they have but the true hard facts are they haven't..

If those that don't like BBS operators using Internet why do YOU use these SIGs to push your views ?? when you should be using packet instead.

> I've done plenty of research. My internet connections, 3 of them are all free and the only thing I am paying for is my domain  
> name on one of my commercial  
> accounts. There are a significant amount of folks that have free accounts and  
> you can find one just about anywhere if you look in the right places and make  
> the right connections. So "Internet Is indeed Cheaper." Off my soapbox and  
> no further comments.  
>  
> Daniel

Along with Daniel my connection costs me 03 cents perday (Nothing) compared to getting another Radio (HF) plus the hassle of sitting the HF licence etc.. and what for just because there is a pressure group pushing that all Amateur Radio Packet mail etc must go via the Packet Network..

Not in your life !!!

If you find it OK to use these SIGs to push your point then I can see no problems with those that use Internet to Fwd mail ...

73 Phillip ZL2TZE  
--  
Phillip Conza  
AX25                      ZL2TZE @ ZL2TZE.#73.NZL.OC  
E-Mail private            phil@zl2tze.mlb.planet.gen.nz

---

## 160. Re: [BBSSIG:3543] NT

From: Dale Seaburg <dseaburg@web-access.net>  
Date: Sun, 20 Oct 1996 20:40:22 -0500  
To: bbssig@tapr.org  
Message-ID: <326AD486.5AF7@web-access.net>  
Rendered body type: text/plain

msc@usa1.com wrote:

>  
> Anyone know how to get BPq and other tsr's to load so that fbb and  
> other programs will work...trying version 4.0 NT  
>  
> Mike  
>  
> wgli @ wgli.fn42kk.ma.usa.na

-----

Mike,

I was able to carve out some time this weekend to "play". Here are my results so far:

All of this is under NT 4.0:

- I was able to get the SWITCH.EXE program (bpq 4.08a) to run with two tnc's on com1 & com2.

- Then, I graduated to running pac4.exe with bpqcode.exe loaded as a tsr using the autoexec.nt file to load bpqcode before starting pac4.

- Then I dropped back to DOS and got FBB going. I'm new to both BPQ and FBB, so I felt if I could get FBB working with BPQ in DOS that I'd stand a better chance of making it work in NT. I was able to get FBB going OK in DOS. Wow, it sure is different than MSYS!

- Then, I tried FBB in NT 4.0. After several false starts - used running of serv.exe rather than go through the appel.bat file - I was able to bring it up to where it appeared to have completed initialization and was going to allow console commands. That's where it "hung".

-----

To summarize what's needed to bring BPQ up as a TSR in NT 4.0:

1. delete the COM port(s) used by BPQ by going to START, Settings, Control Panel, Ports and highlighting each COM port to delete, then press Delete button, then close and exit from Control Panel. This has to be done each time you restart NT 4.0. I'm not sure at this time what it takes to make that "permanent"...

2. Edit your BPQCFG.TXT, PASSWORD.BPQ as required to fit your TNC, port configuration. Run BPQCFG to build BPQCFG.BIN file. I built some shortcuts to do this from NT 4.0.

3. Edit a copy of Autoexec.NT. Add to end of the file, the lines:  
c:  
cd \bpq  
lh bpqcode

Save as Autoexec.bpq or whatever. If you save in the c:\bpq subdir, then remember this location for step 4.

4. Create a shortcut and point to PAC4.EXE (as a test of BPQ in TSR-mode). Then Right-click on shortcut icon of PAC4 and open up Properties. Select Program Tab. Press Window NT button and enter the path to the Autoexec.bpq file you edited in step 3. Press OK. You might want to look at the Mem Tab, too. This may play an important part in making FBB work.

5. Start up PAC4 as a test. It should work. It did for me. I have two ports, one on 145.010 and one on 145.050. I was able to connect to nodes on each port.

I tried this whole process in steps. Created shortcut for Switch.exe to test out BPQCODE in foreground. Then graduated to a TSR and test program combination (PAC4). Then finally to FBB. All was successful except for FBB. That'll need more work. Maybe I've given someone enough ideas to add to this effort. Probably, WinFBB should be next, because it'll be more compatible with Windows NT (I assume ;-)).

I did not try anything with the bpq .386 and .dll files. I didn't have time to research the doc's on these items. Another avenue to explore...

In the meantime, I've finally overcome my inertia to drop MSYS and move on to FBB. So, as I become more comfortable with FBB, I'll try more ideas with Win NT 4.0 and FBB.

Hope this is of interest to you Mike, and others on the sig.

73 - Dale. KG5LT  
dseaburg@web-access.net

---

## 161. Re: [BBSSIG:3601] Re: FORWARDING VIA TELEPHONE

From: n5pvl@texoma.net (Charles Brabham)  
Date: Mon, 21 Oct 1996 00:16:45 -0500 (CDT)  
To: bbssig@tapr.org  
Message-ID: <199610210516.AAA29954@mercury.texoma.net>  
Rendered body type: text/plain

According to Phillip Conza...

>  
> You see it is not always a cost factor that makes one turn to Internet  
> there are various other things ..

I won't mention them here. It would be considered rude.

>  
> Many have said if it is not there put it there, but why should a private  
> operator , with no support from others go out and lash out hard cash  
> to put something up that could cost 1000s of dollars so he can get  
> mail from point A to B no one else will appreciate his hard work..

I agree that there are "hams" who don't appreciate the fine work which our HF forwarders do and have done for years.

>  
> Not everyone or every country has the means to fwd mail 100% via the  
> packet network , some seem to think that they have but the true hard  
> facts are they haven't..

I didn't know there were countries where it was so bad that not even ONE competent ham radio station existed. I'm sorry to hear about that.

>  
> If those that don't like BBS operators using Internet why do YOU use these  
> SIGs to push your views ?? when you should be using packet instead.  
>

Oh, I do push my views on packet! I do!

Do you?

>  
>Along with Daniel my connection costs me 03 cents perday (Nothing) compared  
>to getting another Radio (HF) plus the hassle of sitting the HF licence  
>etc.. and what for just because there is a pressure group pushing that all  
>Amateur Radio Packet mail etc must go via the Packet Network..  
>

I suppose that you could label those with opposing views as "pressure groups".

Especially if you are trying to muzzle them, and deny them the opportunity to express themselves on this SIG. We all know how THAT works.

>If you find it OK to use these SIGs to push your point then I can see no  
>problems with those that use Internet to Fwd mail ...  
>

I'm sorry you feel this way, Phillip. Hopefully someday soon we will find ourselves in closer agreement on this matter.

73 DE Charles Brabham N5PVL  
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA  
E-Mail : n5pvl@texoma.com  
WWW : http://www.texoma.com/~n5pvl

---

## 162. Re: [BBSSIG:3600] FBB "L" listing Meaning

From: aa7ya@juno.com  
Date: Mon, 21 Oct 1996 01:05:39 MST  
To: bbssig@tapr.org  
Cc: dseaburg@web-access.net  
Message-ID: <19961021.011003.5343.1.aa7ya@juno.com>  
Rendered body type: text/plain

On Sun, 20 Oct 1996 19:50:13 -0500 (CDT) Dale Seaburg  
<dseaburg@web-access.net> writes:

> I have an FBB newbie question:  
>  
> I remember someone a while back posting the meaning of the 4  
> single-character bulletin status columns labeled 'TSLD'. I seem to  
> have deleted that message. Would someone please be so kind to  
> reiterate those column meanings.  
>  
> I have two messages labeled PNL and PNLD and would like to know  
> exactly >what they mean. Sorry for my ignorance - new to FBB with lots  
> of MSYS experience, which isn't helping me right now!

P- Personal  
N- Not read yet  
L- message entered locally  
T- NTS traffic message  
S- Status of message (is it read or unread)  
D- Data (7+ type)  
B- Bulletin

> Thanks.  
> 73 - Dale. KG5LT  
> dseaburg@web-access.net

73 de Stacey, AA7YA  
AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
aa7ya@juno.com

---

## 163. Re: FORWARDING VIA TELEPHONE

From: aa7ya@juno.com  
Date: Mon, 21 Oct 1996 01:00:08 MST  
To: bbssig@tapr.org  
Message-ID: <19961021.011003.5343.0.aa7ya@juno.com>  
Rendered body type: text/plain

On Sun, 20 Oct 1996 19:52:07 -0500 (CDT) Phillip Conza  
<phil@z12tze.mlb.planet.gen.nz> writes:

>Hi,  
> I am 100% sure that there are viable HF paths to NZL that can  
>handle the @ WW distribution of mail at the current amount..

Ohh, I am 100% sure there are, no doubt about that! But I am  
not interested in @WW, since the majority of the BBS's that I  
forward to do not handle these messages.

> I am also 100% sure that if these paths where available and the HF  
>or VHF networks where up to handling all this mail that they would be  
>used.

Mail (personal/bulletins) are being handled by my BBS, all on  
HF, VHF, and soon UHF, but that is not the point, the point is,  
it is being handled by RF and none of the messages have  
ever sat on my system dying a slow death to the "bitbucket".  
Just two years ago, I would have not been able to do this,  
since there were no viable means to pass this voluminous  
amount of mail, and I ended up putting a node up just to  
have a means to do what it is I am doing now, at that time  
I was an end-user BBS system, one that recieved mail,  
but couldn't forward mail. Now since I have built a  
network in my area, I can now forward mail that I  
recieve, is that not progress?, is that not using my ham  
license?, is that what you consider doing things the  
WRONG way?

> You see it is not always a cost factor that makes one turn to  
>Internet there are various other things ..

Like actually reading the mail that comes to you?

>



> Not everyone or every country has the means to fwd mail 100% via  
>the packet network , some seem to think that they have but the true  
>hard facts are they haven't..

Some Third-world countries have no access to the Internet! There  
is a BBS in Cuba on 20 meters, and forwards to/from BBS's in  
the US.

> If those that don't like BBS operators using Internet why do YOU  
>use these SIGs to push your views ?? when you should be using packet  
>instead.

Your the one that started this rant, since my original post had nothing  
to do with "forwarding via Internet is wrong", my original post stated  
that the "Internet is not cheap"... Read your mail!

>Along with Daniel my connection costs me 03 cents perday (Nothing)  
>compared to getting another Radio (HF) plus the hassle of sitting the HF

>licence etc.. and what for just because there is a pressure group  
pushing  
>that all Amateur Radio Packet mail etc must go via the Packet Network..

Rather than "sit on your license", use your license, and don't  
bypass the RF network. It has been in use for many years before  
someone decided that using the Internet could perform the  
function of allowing long haul paths to exist... I am sorry, but  
HF forwarding has been that way for quite awhile now. I don't  
give a hoot if your connection costs 3 cents, 11 cents, it is just  
not FREE! If it was FREE, then the ISP would have no means  
to pay for upkeep of their equipment, and no means to make  
a little extra money, since most of the ISP's are businesses,  
such as telephone co-op's.

>If you find it OK to use these SIGs to push your point then I can see  
>no problems with those that use Internet to Fwd mail ...

Isn't the BBSSIG a SIG for Packet BBS users/operators, and not a  
SIG for Internet users/operators? I find it laughable to see when  
someone comes along and says something degrading about  
using the Internet, and then all hell breaks loose! :)

Your the one that got off on the wrong foot, look at my original  
post, it had nothing to do about the fact that the Internet is the  
wrong way to forward packet mail. I am sorry, but I just had to  
respond to these claims made by the originator of this post.

>  
>73 Phillip ZL2TZE  
> --

73 de Stacey, AA7YA  
AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
aa7ya@juno.com

---

## 164. Re: [BBSSIG:3602] Re: NT

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 21 Oct 1996 02:45:31 -0600  
To: bbssig@tapr.org  
Message-ID: <199610210845.CAA06972@acca.nmsu.edu>  
Rendered body type: text/plain

This is a wonderful message! It is full of ideas for using NT with  
the best of the packet radio software for dos. It has verifiable fact and  
anyone thinking of using NT for packet will want this message. I am  
transferring it to my goodies file...:-)

How much will I have to pay for Windows NT version 4.0?

karl

At 09:09 PM 10/20/96 -0500, you wrote:  
>msc@usa1.com wrote:  
>>  
>> Anyone know how to get BPq and other tsr's to load so that fbb and  
>> other programs will work...trying version 4.0 NT  
>>  
>> Mike

```
>>
>> wgli @ wgli.fn42kk.ma.usa.na
>
>-----
>
>Mike,
>
>I was able to carve out some time this weekend to "play". Here are my
>results so far:
>
>All of this is under NT 4.0:
>
> - I was able to get the SWITCH.EXE program (bpq 4.08a) to run with two
>tnc's on com1 & com2.
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

---

## 165. Re: [BBSSIG:3601] Re: FORWARDING VIA TELEPHONE

From: "Jim Berry" <basalop@eskimo.com>  
Date: Mon, 21 Oct 1996 02:45:16 +7  
To: bbssig@tapr.org  
Message-ID: <199610211002.DAA00834@mail.eskimo.com>  
Rendered body type: text/plain

Hello Group,

Couldn't resist making a comment. First I go down the list of of Internet mail, usually deleting anything that starts with the title of [BBSSIG]. Reminds me too much of the junk I see if I was to read the bulletins off a local packet BBS. One did catch my eye with the title Re: FORWARDING VIA THE INTERNET though, so I had to read one and chuckle.

First of all, I run a HFMB0 using Pactor (Winlink ) and can pass mail to NZ just about any time of the day or night. Sorry, no bulletins though. No one wants them anyway. Total investment was whatever an old beat up Icom 751, PK-232, Butternut vertical and 33 Mhz 386 costs. Maybe a grand. Oh I forgot, a PK88 and an old Yahoo transceiver so I can pass any VHF bound mail to the local BBS.

Enough for now. I know the LLIDS are going to roast me for this comment.

73 Jim K7SLI

\*\*\*

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)  
Email: basalop@eskimo.com FAX: 360-659-1360  
Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA  
\*\*\*

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## 166. Re: [BBSSIG:3588] Re: FORWARDING VIA TELEPHONE

From: n5pvl@texoma.net (Charles Brabham)  
Date: Mon, 21 Oct 1996 06:58:59 -0500 (CDT)  
To: bbssig@tapr.org  
Message-ID: <199610211158.GAA02099@mercury.texoma.net>  
Rendered body type: text/plain

According to WA7NWP...

>We need multicasting on HF!

"Multicasting" sounds nice.. It also sounds like another way of say "broadcasting", which is illegal for hams except under a very few circumstances.

When you get it working, be sure and let us know.

In the meantime...

73 DE Charles Brabham N5PVL  
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA  
E-Mail : n5pvl@texoma.com  
WWW : http://www.texoma.com/~n5pvl

---

## 167. Re: [BBSSIG:3607] Re: FORWARDING VIA TELEPHONE

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 21 Oct 1996 06:40:13 -0600  
To: bbssig@tapr.org  
Message-ID: <199610211240.GAA102339@acca.nmsu.edu>  
Rendered body type: text/plain

At 05:17 AM 10/21/96 -0500, you wrote:

>Hello Group,  
>  
>Couldn't resist making a comment. First I go down the list of of  
>Internet mail, usually deleting anything that starts with the title  
>of [BBSSIG]. Reminds me too much of the junk I see if I was to read  
>the bulletins off a local packet BBS. One did catch my eye with the  
>title Re: FORWARDING VIA THE INTERNET though, so I had to read  
>one and chuckle.  
>  
>First of all, I run a HFMB0 using PacTOR (Winlink ) and can  
>pass mail to NZ just about any time of the day or night. Sorry, no  
>bulletins though. No one wants them anyway. Total investment was  
>whatever an old beat up Icom 751, PK-232, Butternut vertical and 33  
>Mhz 386 costs. Maybe a grand. Oh I forgot, a PK88 and an old Yahoo  
>transceiver so I can pass any VHF bound mail to the local BBS.

That is great Jim! What frequency and what times of the day do you  
work New Zealand on? Is this a established packet network? Can I join it?  
About how many bytes of data do you pass every day?

73 de karl k5di

>  
>Enough for now. I know the LLIDS are going to roast me for this  
>comment.  
>  
>73 Jim K7SLI  
>  
>  
>\*\*\*  
>Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)  
>Email: basalop@eskimo.com FAX: 360-659-1360  
>Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA  
>\*\*\*  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 168. Re: [BBSSIG:3594] Re: FORWARDING VIA TELEPHONE

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 21 Oct 1996 10:13:41 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961021181341.00688128@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 10:54 PM 10/19/96 -0500, you wrote:

>On Sat, 19 Oct 1996 13:16:21 -0500 (CDT) vodall@bigsky.com writes:

>  
>>> >Why not forward via the Internet..  
>>>  
>>> Why not forward via HAM RADIO?  
>>>  
>>> Hank Oredson @ Mentor Graphics                      Library Operations  
>>  
>>  
>> Absolutely!!!  
>>  
>>  
>> But.....  
>>  
>>  
>> It needs to be said again. And again and again. And again!  
>>  
>>  
>> We need multicasting on HF!  
>> We need multicasting on HF!  
>> We need multicasting on HF!  
>> We need multicasting on HF!

We need changes to part 97 to deal with the "3rd party traffic  
while broadcasting" issue. An STA might be in order.

For reasonable performance we might want to consider CLOVER  
FEC mode as our target. Don't tell me the controllers are  
"too expensive" ... have seen P38 for \$329.

>Anyone wishing to forward on HF? I had my station down  
>while I was doing the summer grain harvest here, and I lost  
>my forwarding partner. Listened for him, and didn't find him  
>anywhere. So I am without any forwarding on my HF port  
>until I can make arrangements to get back on the air. Anyone  
>up for the challenge of doing some REAL RF forwarding? I can  
>get on all the major HF bands, and even the WARC frequencies,  
>with my antenna's. Return mail addresses below to reach  
>me. I am even set up to route IP traffic within the state of  
>Montana and set up to return IP traffic out via HF from the  
>VHF network here. I am using JNOS ver. 1.10M(.)  
>  
>  
>Stacey, AA7YA @ AA7YA.#NEMT.MT.USA.NOAM

Sure! Willing for forward \*all\* traffic, including bulletins,  
with anyone ... using CLOVER ... on 40/20/15/10

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

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## 169. Re: [BBSSIG:3609] Re: FORWARDING VIA TELEPHONE

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 21 Oct 1996 10:13:43 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961021181343.0068e174@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 07:54 AM 10/21/96 -0500, you wrote:  
>At 05:17 AM 10/21/96 -0500, you wrote:  
>>Hello Group,  
>>  
>>Couldn't resist making a comment. First I go down the list of of  
>>Internet mail, usually deleting anything that starts with the title  
>>of [BBSSIG]. Reminds me too much of the junk I see if I was to read  
>>the bulletins off a local packet BBS. One did catch my eye with the  
>>title Re: FORWARDING VIA THE INTERNET though, so I had to read  
>>one and chuckle.  
>>  
>>First of all, I run a HFMB0 using PacTOR (Winlink ) and can  
>>pass mail to NZ just about any time of the day or night. Sorry, no  
>>bulletins though. No one wants them anyway. Total investment was  
>>whatever an old beat up Icom 751, PK-232, Butternut vertical and 33  
>>Mhz 386 costs. Maybe a grand. Oh I forgot, a PK88 and an old Yahoo  
>>transceiver so I can pass any VHF bound mail to the local BBS.  
>  
>        That is great Jim! What frequency and what times of the day do you  
>work New Zealand on? Is this a established packet network? Can I join it?  
>About how many bytes of data do you pass every day?

Hmmm ... Karl, I've responded on this topic every time you have asked,  
so will do so again. You would be most welcome on any of the HF nets.

For my own situation, I forward \*all\* the bulletins, plus any presented  
personal and NTS traffic. Period. The whole lot. Willing to forward  
with you too, were you to show up on HF CLOVER.

Don't tell me "the controller is too expensive".  
It's not. It's the same cost as a good HF capable TNC.

So ... willing to give it a try?

>  
>73 de karl k5di  
>  
>  
>  
>>  
>>Enough for now. I know the LLIDS are going to roast me for this  
>>comment.  
>>  
>>73 Jim K7SLI  
>>

```
>>
>>***
>>Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
>>Email: basalop@eskimo.com FAX: 360-659-1360
>>Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA
>>***
>>
>>
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>
>
```

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

## 170. Re: [BBSSIG:3599] F6CNB bbs

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 21 Oct 1996 10:13:42 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961021181342.0067c814@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:42 PM 10/20/96 -0500, you wrote:  
> I have not been able to forward with Remi Hutin for a week now. For  
> 5 years he has been my major route east from here in NM. Someone said they  
> had seen a message from Remi saying he had so few local users he was going  
> to get out of packet bbs things.  
>  
> This afternoon I connected to both his JN0S internet Gateway systems  
> and was not able to reach a bbs. Has anyone else had better luck?  
>  
> 73, de karl aka k5di  
>  
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

Why yes I have Karl - but with K5VMX ... via RADIO ... from way  
up here in Oregon. On 20M ... and on 40M ... and yes, we DO forward  
bulletins as well as personal and NTS messages.

Want to join in?

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

## 171. HF Multicasting

From: wa7nwp@wa7nwp.ampr.org  
Date: Mon, 21 Oct 1996 11:28:14 -0700 (MDT)  
To: bbssig%tapr.org@gw.ve6lip.ampr.org  
Message-ID: <m0vF09C-0002g7C@mtewe.bigsky.com>  
Rendered body type: text/plain

```
> > We need multicasting on HF!
> >
> > Let's make RF work like RF should work. Then there won't
> > be any need or desire to pass traffic using the old, inefficient
> > crude, and expensive modes like landlines or Internet Email.
> >
> > 73,
> > Bill - WA7NWP
> >
> >
> OK OK. Message (We need multicasting on HF) received loud and clear.
>
> I'm game. Tell me how it is done. Better yet, tell the code smiths how
> to do it and lets get rolling.
>
> 73, George KD4FJ.
```

I have more questions than answers myself. I do believe I have a couple  
clues that will lead us towards more information:

>From the "sat.txt" file in "netdoc1.arc" in the tcpip/pe1chl directory  
at FTP.UCSD.EDU.

"When Jeff Ward (G0/K8KA) and Harold Price (NK6K) prepared the protocol for the PACSAT system they called it "FILE TRANSFER LEVEL ZERO" which is now commonly known as ftl0 (lower case)."

Rob Janssen(PE1CHL) added ftl0 to all the other protocols in his version of NOS.

I'd suggest the first two things to do are:

1. Find the description of ftl0 and see how it would work in the HF packet environment.
2. Contact Rob (PE1CHL) about the possibility of his releasing his NOS ftl0 code so it could be merged to the current NOS branches and as an example for other BBS code writers.

Hmmm. A third thing just came to mind. Last spring, a new BBS package was announced that supports multicast style traffic transfers. That should be investigated to see how it works and if there's anything there in the way of code or documentation that can be leveraged for other systems.

73,  
Bill - WA7NWP

---

## 172. Re: [BBSSIG:3608] Re: FORWARDING VIA TELEPHONE

From: laborde@kilroy.jpl.nasa.gov (Gregory R. LaBorde)  
Date: Mon, 21 Oct 1996 11:42:17 -0700  
To: bbssig@tapr.org  
Message-ID: <v02140b00ae916e08f877@[128.149.100.84]>  
Rendered body type: text/plain

N5VPL wrote:

>"Multicasting" sounds nice.. It also sounds like another way of say  
>"broadcasting", which is illegal for hams except under a very few  
>circumstances.

Are the digital satellites operating illegally then? Sounds like a good idea, met with an all-too-typical response.

-Greg

--

Gregory R. LaBorde - KD6MSM | Systems Engineering - Galileo OET  
Internet: laborde@kilroy.jpl.nasa.gov| Manager, Galileo System Testbed  
AMPRNet: kd6msm@jpl-gw.w6vio.ampr.org| Jet Propulsion Laboratory  
Packet: KD6MSM@W6VIO.#SOCA.CA.USA.NA | (818) 393-1107

---

## 173. Re: [BBSSIG:3613] HF Multicasting

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Mon, 21 Oct 1996 18:47:36 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610211844.D15162-0100000@uranus>  
Rendered body type: text/plain

On Mon, 21 Oct 1996 wa7nwp@wa7nwp.ampr.org wrote:

> > > We need multicasting on HF!  
> > >  
> > > Let's make RF work like RF should work. Then there won't  
> > > be any need or desire to pass traffic using the old, inefficient  
> > > crude, and expensive modes like landlines or Internet Email.  
> > >  
> > > 73,  
> > > Bill - WA7NWP  
> >  
> >  
> >  
> Hmmm. A third thing just came to mind. Last spring, a new BBS  
> package was announced that supports multicast style traffic transfers.  
> That should be investigated to see how it works and if there's  
> anything there in the way of code or documentation that can be  
> leveraged for other systems.  
>

Take a look at the DPTNT package. It implements PACSAT-style BBS forwarding. Very neat stuff.

I have been playing with a small pacsat server that I wrote for Linux. I am testing the code with WiSP, PB & PG, and SatLink. If someone is interested in it, let me know.

For the moment, it is a basic client-server application, but I want to make it possible to have server-server communication capabilities as well.

I'll be releasing it as soon as I have something stable.

73,

Edson, N1VTN

---

## 174. Re: [BBSSIG:3614] Re: FORWARDING VIA TELEPHONE

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Mon, 21 Oct 1996 19:11:47 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610211939.F15162-0100000@uranus>  
Rendered body type: text/plain

On Mon, 21 Oct 1996, Gregory R. LaBorde wrote:

> N5VPL wrote:  
>  
> >"Multicasting" sounds nice.. It also sounds like another way of say  
> >"broadcasting", which is illegal for hams except under a very few  
> >circumstances.  
>  
> Are the digital satellites operating illegally then? Sounds like a good  
> idea, met with an all-too-typical response.  
>

That is a good question. I think the interpretation of broadcasting can be very vague.

If I am in 20 m phone with a group of stations. That can be interpreted as broascasting (technically). The radio is a natural broadcasting medium. What HAMs have been doing for years is broadcasting. If I am in CW carrying out a QSO with 3 other stations, that is broadcasting (again, technically speaking). Why not use the same concept for data? If we do not use the missinterpreted word "broadcasting", things should be less controversial.

73,

Edson, N1VTN

---

## 175. Re: Multicasting

From: Rod Fowler <k2adj@mosquito.com>  
Date: Mon, 21 Oct 1996 16:00:03 -0400 (EDT)  
To: bbssig@tapr.org  
Message-ID: <199610212000.QAA21514@itchy.mosquito.com>  
Rendered body type: text/plain

Now it is my turn to add my 2 cents worth to this multicasting effort..

In order for this multicasting to work and take hold we must get as many involved with this project as possible, not just the elete(sp?) of the group. Therefore, I suggest that 1) a program be written to grab this incoming information and slap it into a file which can be imported to the BBS, which BBS? Any BBS program that we are running which just says, the bulletins must be in the standard format. A program that is needed can be rather small and 2) can be run even on an ole XT computer which now a days can't even be given away as boat anchors. 3) The MODE used should be something like PACTOR (FEC) which I'll bet that 75% of those reading this message have that capability. If Hank Oredson feels that CLOVER is better, then a while or several months down the line and the test sessions prove it works, then we can set a date when we will switch over to CLOVER, for me, the cost of the CLOVER PCB is not that expensive but I am certainly not going right out and purchase it to made a test that may or may not work..

The bottom line is to get as many as possible involved by keeping it simple and available to everyone with the minimum of equipment which most already have.

73 de Rod

## 176. Re: [BBSSIG:3616] Re: FORWARDING VIA TELEPHONE

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 21 Oct 1996 13:03:44 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961021210344.0069907c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 02:23 PM 10/21/96 -0500, you wrote:  
>  
>  
>On Mon, 21 Oct 1996, Gregory R. LaBorde wrote:  
>  
>> N5VPL wrote:  
>>  
>> >"Multicasting" sounds nice.. It also sounds like another way of say  
>> >"broadcasting", which is illegal for hams except under a very few  
>> >circumstances.  
>>  
>> Are the digital satellites operating illegally then? Sounds like a good  
>> idea, met with an all-too-typical response.  
>>  
>  
>That is a good question. I think the interpretation of broadcasting can  
>be very vague.  
>  
>If I am in 20 m phone with a group of stations. That can be interpreted  
>as broadcasting (technically). The radio is a natural broadcasting  
>medium. What HAMS have been doing for years is broadcasting. If I am in  
>CW carrying out a QSO with 3 other stations, that is broadcasting (again,  
>technically speaking). Why not use the same concept for data? If we do  
>not use the missinterpreted word "broadcasting", things should be less  
>controversial.

The above examples are not broadcasting, but rather are individual qsos. The difference is that in your examples, you KNOW the callsigns of the station (or stations) you transmit to. This certainly does not mean that multicast is not possible; it is clearly allowed under part 97. It is broadcasting that is not allowed; making transmissions NOT directed to a particular station or stations. The only implication for the packet network is that it may be required that the target station callsigns be known by the station originating the multicast.

What about NET/ROM node "broadcasts"?  
What about beacons (e.g. ID or BEACON as destination)?

Plenty of grey area for infinite discussion if we wish.

However, as several folks have pointed out, the protocols exist now, are in use now, and could be adapted for different uses such as HF.

Sounds like it is time for some experiments.

>  
>73,  
>  
>Edson, N1VTN  
>  
>  
>

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

---

## 177. PacTOR, AmTOR, CLOVER

From: "Jim Berry" <basalop@eskimo.com>  
Date: Mon, 21 Oct 1996 13:16:54 +7  
To: bbssig@tapr.org  
Message-ID: <199610212034.NAA22718@mail.eskimo.com>  
Rendered body type: text/plain

>  
> That is great Jim! What frequency and what times of the day do you  
> work New Zealand on? Is this a established packet netork? Can I join it?  
> About how many bytes of data do you pass every day?  
>



> 73 de karl k5di  
>

Hi Karl,

I call the NZ station (ZL4AK) on 30 meters after local sunset and have pretty good luck. Other stations work him on 15, 20 and probably 40 meters. I pass very little mail to NZ simply because I receive very little. Most of my traffic is entered directly onto my MBO by people either on boats or ships or RV's cruising around the country. If they have a friend in NZ they link with a NZ MBO and send their mail. You are more than welcome to join in the group. First get yourself a list of all the operating Pactor MBO's. I am going to assume you can get that list right from TAPR. If not, let me know and I can send you the list. Remember this is Pactor. Many stations are running Pactor, Amtor and Clover also. Clover is really the mover of the mail these days. I do hear some packet barking away on the bands, but I will assume that is all it is doing. As well as it works, no wonder the Internet is so attractive.

\*\*\*

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)  
Email: basalop@eskimo.com FAX: 360-659-1360  
Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA

\*\*\*

---

## 178. Re: [BBSSIG:3611] Re: FORWARDING VIA TELEPHONE

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 21 Oct 1996 15:22:42 -0600  
To: bbssig@tapr.org  
Message-ID: <199610212122.PAA25786@acca.nmsu.edu>  
Rendered body type: text/plain

At 12:19 PM 10/21/96 -0500, you wrote:  
>At 07:54 AM 10/21/96 -0500, you wrote:  
>>At 05:17 AM 10/21/96 -0500, you wrote:  
>>>Hello Group,  
>>>

>>>Couldn't resist making a comment. First I go down the list of of  
>>>Internet mail, usually deleting anything that starts with the title  
>>>of [BBSSIG]. Reminds me too much of the junk I see if I was to read  
>>>the bulletins off a local packet BBS. One did catch my eye with the  
>>>title Re: FORWARDING VIA THE INTERNET though, so I had to read  
>>>one and chuckle.  
>>>

>>>First of all, I run a HFMB0 using Pactor (Winlink ) and can  
>>>pass mail to NZ just about any time of the day or night. Sorry, no  
>>>bulletins though. No one wants them anyway. Total investment was  
>>>whatever an old beat up Icom 751, PK-232, Butternut vertical and 33  
>>>Mhz 386 costs. Maybe a grand. Oh I forgot, a PK88 and an old Yahoo  
>>>transceiver so I can pass any VHF bound mail to the local BBS.  
>>

>> That is great Jim! What frequency and what times of the day do you  
>>work New Zealand on? Is this a established packet network? Can I join it?  
>>About how many bytes of data do you pass every day?  
>

>Hmmm ... Karl, I've responded on this topic every time you have asked,  
>so will do so again. You would be most welcome on any of the HF nets.  
>

You were not who I asked Hank.

>For my own situation, I forward \*all\* the bulletins, plus any presented  
>personal and NTS traffic. Period. The whole lot. Willing to forward  
>with you too, were you to show up on HF CLOVER.

Good for you Hank. But that is not what I asked for.

>

>Don't tell me "the controller is too expensive".  
>It's not. It's the same cost as a good HF capable TNC.

And how much is that again? I recall it's about \$400.00 or more.

>

>So ... willing to give it a try?  
>

No but I might try working New Zealand using pactor and a butternut vertical any time I want to...

```
>>
>>73 de karl k5di
>>
>>
>>
>>>Enough for now. I know the LLIDS are going to roast me for this
>>>comment.
>>>
>>>73 Jim K7SLI
>>>
>>>
>>>***
>>>Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
>>>Email: basalop@eskimo.com FAX: 360-659-1360
>>>Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA
>>>***
>>>
>>>
>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>>
>>
>>
>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

---

## 179. Re: [BBSSIG:3612] Re: F6CNB bbs

```
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 21 Oct 1996 15:22:40 -0600
To: bbssig@tapr.org
Message-ID: <199610212122.PAA25782@acca.nmsu.edu>
Rendered body type: text/plain

At 12:20 PM 10/21/96 -0500, you wrote:
>At 06:42 PM 10/20/96 -0500, you wrote:
>>
>> This afternoon I connected to both his JNOS internet Gateway systems
>>and was not able to reach a bbs. Has anyone else had better luck?
>>
>>73, de karl aka k5di
>>
>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
>
>Why yes I have Karl - but with K5VMX ... via RADIO ... from way
>up here in Oregon. On 20M ... and on 40M ... and yes, we DO forward
>bulletins as well as personal and NTS messages.
>
>Want to join in?
>
>
Who is K5VMX? Did Remi Hutin get an american call? Please explain
what you mean Hank.

>
>Hank Oredson @ Mentor Graphics Library Operations
>Internet : hank_oredson@mentorg.com "Parts 'R Us!"
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

---

## 180. Re: [BBSSIG:3615] Re: HF Multicasting

```
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Mon, 21 Oct 1996 15:34:27 -0600
To: bbssig@tapr.org
Message-ID: <199610212134.PAA26201@acca.nmsu.edu>
```

Rendered body type: text/plain

At 02:04 PM 10/21/96 -0500, you wrote:

```
>
>
>On Mon, 21 Oct 1996 wa7nwp@wa7nwp.ampr.org wrote:
>
>> > > We need multicasting on HF!
>> > >
>> > > Let's make RF work like RF should work. Then there won't
>> > > be any need or desire to pass traffic using the old, inefficient
>> > > crude, and expensive modes like landlines or Internet Email.
>> > >
>> > > 73,
>> > > Bill - WA7NWP
>> >
>> >
>>
>> Hmm. A third thing just came to mind. Last spring, a new BBS
>> package was announced that supports multicast style traffic transfers.
>> That should be investigated to see how it works and if there's
>> anything there in the way of code or documentation that can be
>> leveraged for other systems.
>>
>
>Take a look at the DPTNT package. It implements PACSAT-style BBS
>forwarding. Very neat stuff.
>
> I was hoping someone else has tried out the DPTNT software from
> Germany. I have it on my Linux but have not had time to play with it. I read
> the readme now and the english is excellent and it sounds like great stuff.
> I am trying to figure out how to try it on HF on the same computer my tnos
> bbs is using but I'm short a com port at least...:-)

>I have been playing with a small pacsat server that I wrote for Linux. I am
>testing the code with WiSP, PB & PG, and SatLink. If someone is
>interested in it, let me know.
```

Not sure I'm interested. But what is WiSP, PB & PG, and Satlink? All those things are greek to me. I do understand Pacsat, at least what it does.

```
>
>For the moment, it is a basic client-server application, but I want
>to make it possible to have server-server communication capabilities
>as well.
```

```
>
>I'll be releasing it as soon as I have something stable.
```

```
>
>73,
```

```
>
>Edson, N1VTN
>
```

Keep after it Edson. Your so far ahead of me I can't tell if we are in the same race. Are you using the GCC ELF compiler?

73 de karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 181. What is Multi-casting?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 21 Oct 1996 15:42:28 -0600  
To: bbssig@tapr.org  
Message-ID: <199610212142.PAA26494@acca.nmsu.edu>  
Rendered body type: text/plain

Many messages have shown up with referances to HF Multicasting and I have only a dim understading of what it is. Could someone just write down what multicasting is and it's application to HF bbs forwarding?

Thanks, I bet a buck I'm not the only one wondering what it is.

k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 182. Re: [BBSSIG:3616] Re: FORWARDING VIA TELEPHONE

From: n5pvl@texoma.net (Charles Brabham)  
Date: Mon, 21 Oct 1996 17:15:02 -0500 (CDT)

To: bbssig@tapr.org  
Message-ID: <199610212215.RAA07335@mercury.texoma.net>  
Rendered body type: text/plain

>On Mon, 21 Oct 1996, Gregory R. LaBorde wrote:  
>  
>> N5VPL wrote:  
>>  
>> >"Multicasting" sounds nice.. It also sounds like another way of say  
>> >"broadcasting", which is illegal for hams except under a very few  
>> >circumstances.  
>>  
>> Are the digital satellites operating illegally then? Sounds like a good  
>> idea, met with an all-too-typical response.  
>>  
>  
>That is a good question. I think the interpretation of broadcasting can  
>be very vague.  
>  
>If I am in 20 m phone with a group of stations. That can be interpreted  
>as broadcasting (technically). The radio is a natural broadcasting  
>medium. What HAMS have been doing for years is broadcasting. If I am in  
>CW carrying out a QSO with 3 other stations, that is broadcasting (again,  
>technically speaking). Why not use the same concept for data? If we do  
>not use the missinterpreted word "broadcasting", things should be less  
>controversial.  
>  
>73,  
>  
>Edson, N1VTN

I guess that's why they call it "multicasting" and we call my wife's gat  
"purse ballast".

I don't see broadcasting as being QUITE as "grey" as you have painted it to  
be in your posting, but I do agree that any ambiguities should be nailed down.

Maybe I'm missing out on an important point, but multicasting doesn't strike  
me as being all that complicated. When I said, " When you get it working, be  
sure and let us know.", that's exactly what I meant.

In the meantime..

73 DE Charles Brabham N5PVL  
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA  
E-Mail : n5pvl@texoma.com  
WWW : http://www.texoma.com/~n5pvl

---

### 183. Re: [BBSSIG:3607] Re: FORWARDING VIA TELEPHONE

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)  
Date: Mon, 21 Oct 1996 22:30:51 GMT  
To: bbssig@tapr.org  
Message-ID: <326cf848.34283910@hannibal.wncc.cc.ne.us>  
Rendered body type: text/plain

On Mon, 21 Oct 1996 05:17:44 -0500 (CDT), you said:

> Hello Group,  
>  
> Couldn't resist making a comment. First I go down the list of of  
> Internet mail, usually deleting anything that starts with the title  
> of [BBSSIG].

I hate to ask (someone always complains)... but why don't you just  
unsubscribe if you don't want to read BBSSIG messages? They won't come to  
you if you aren't subscribed!

Gary

---

### 184. Re: [BBSSIG:3570] FWD via Internet, not phone bbs

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Sun, 20 Oct 1996 18:37:34 -0700  
To: bbssig@tapr.org  
Message-ID: <326AD3DE.23B5@erinet.com>  
Rendered body type: text/plain

Hector Sancho wrote:

```

>
> -----
> > De: Harley w Patrick <kd4kao@juno.com>
> > A: bbssig@tapr.org
> > Asunto: [BBSSIG:3568] FORWARDING VIA TELEPHONE
> > Fecha: Thursday, October 17, 1996 8:49 PM
> >
> > IF ANY PBBS SYSOP WOULD LIKE TO FORWARD VIA TELEPHONE. YOU ARE WELCOME TO
> > CALL THE PBBS IN COLUMBIA, SC AND I CAN SET SOMETHING UP WITH YOU. DROP
> > ME A MESSAGE ON PACKET.
> > PBBS # 803-957-7718
> >
> > PATRICK - KD4KAO
> >
> Hi pratrck
> Sory i'm not a pbbs. I'm a stablsh FWD bbs in and outside of Puerto Rico
> in link to KP4GI.
>
> The only mode a cant send FWD to your estation is via Internet .
> I give you a http://home.coqui.net/wp4dos/(your code).zip and automatic
> your goin to recive your fwd and you cant send mi te FWD via atach in a
> personal E-Mail
>
> I try to stablsh a rout cross USA and Europe. I have many Personal MSG and
> Boletins for USA.
>
> If you know a good trust station in USA to make FWD via Internet
> Im glad to know who is. If your are interesting to do that Im glad to
> opend a space in my internet side for USA file at your code.
>
> And please sory for my very bad english.
>
> I'm include a littel atach of FWD file in zip mode
> sk sk sk //de WP4DOS(Hector)
> +-----+
> | WP4DOS : PACKET FWD BBS PONCE |
> | Hector Sancho : Sysop WP4DOS & Cosysop of KP4IG |
> | H Route : WP4DOS@WP4DOS.PCE.PR.USA.NA |
> | QTH Locartor : FK68XA |
> | E-Mail : wp4dos@coqui.net |
> | Home Page : home.coqui.net/wp4dos/ |
> +-----+
>
> -----

```

Is there any way to automatically refuse messages that contain large file attaches?

Chuck

## 185. Re: [BBSSIG:3600] FBB "L" listing Meaning

From: Sid Ashen-Brenner <sashen@midusa.net>  
Date: Mon, 21 Oct 1996 18:28:26 -0500  
To: bbssig@tapr.org  
Message-ID: <2.2.32.19961021232826.00696100@midusa.net>  
Rendered body type: text/plain

At 07:50 PM 10/20/96 -0500, you wrote:  
>I have an FBB newbie question:  
>  
>I remember someone a while back posting the meaning of the 4  
>single-character bulletin status columns labeled 'TSLD'. I seem to have  
>deleted that message. Would someone please be so kind to reiterate  
>those column meanings.

T = Type (B for Bulletin, T for Traffic (NTS), P for Personal, A for Ack)  
S = Status (F for forwarded, X for eXpired, A for Archived, \$ for pending  
forwards)  
L = Local (originated on this BBS)

D = Data (7Plus for example)

>I have two messages labeled PNL and PNLD and would like to know exactly  
>what they mean. Sorry for my ignorance - new to FBB with lots of MSYS  
>experience, which isn't helping me right now!

PNL Personal, Not recieved(read), Locally entered.  
PNLD Same as above, but containing some "high ascii" characters (aka "data")

73 de Sid n0obm  
Sid Ashen-Brenner Salina, Kansas  
Internet : sashen@midusa.net  
AX-25 : n0obm @ n0obm.#ncks.ks.usa.noam

---

## 186. Re: Multicasting

From: "Dave Ewaldz" <dme@ingersoll.com>  
Date: Mon, 21 Oct 1996 18:19:46 -6000  
To: bbssig@tapr.org  
Message-ID: <199610211820.SAA30807@s3130.ingersoll.com>  
Rendered body type: text/plain

DPTNT does indeed implement a pacsat style broadcast mode server (and also a client).

Find it at (with source code for ham use):

<http://www.snafu.de/~wahlm/>

DPTNT is a nice bbs too for Linux, I might add.  
Very powerful.

73 de N9HKM

---

## 187. Re: [BBSSIG:3602] Re: NT

From: Barry Buelow WA0RJT <barry@ia.net>  
Date: Mon, 21 Oct 1996 19:03:01 -0500 (CDT)  
To: bbssig@tapr.org  
Message-ID: <199610220003.TAA17101@zeus.ia.net>  
Rendered body type: text/plain

Dale,

Good work on the NT attempt. I've not seen anyone else posting on NT issues.

Thanks,  
Barry

---

## 188. Re: [BBSSIG:3609] Re: FORWARDING VIA TELEPHONE

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>  
Date: Tue, 22 Oct 1996 11:09:11 +1200  
To: bbssig@tapr.org  
Message-ID: <326d55cf.zl2tze@zl2tze.mlb.planet.gen.nz>  
Rendered body type: text/plain

Hi Jim and others,

I have seen some rather Interesting replies from Stacey Charles and Jim..

I would like to comment on Jims reply .

> First of all, I run a HFMB0 using PacTOR (Winlink ) and can  
> pass mail to NZ just about any time of the day or night.

Over recent weeks I have been putting together a Forwarding Map of Most ZL BBS's and to whom they forward to and on what Frequency etc sadly Jim your call was not amongst them, have you just started forwarding and to who and on what FREQs and Time ?..

>Sorry, no bulletins though.

Yes it seems that many HF Forwarders won't handle bulletins, thats why we have to use Internet ..

>No one wants them anyway.

I take it that this is the information from your forwarding partner in NZ or is this your own reasoning ??

Most @ WW bulletins that are sent to the NZ Network are filtered by M\_FILTERs and then by visual reading of bulletins that look like JUNK..  
Yes there are many JUNK Bulletins from various countries that don't warrant forwarding and these just get sent to the byte bucket..

I would say if a BBS is part of a network then it should pass what the network sends them , with the exception of material that is considered

inappropriate by the country regulations, weather it be HF,VHF,UHF.

Unfortunately we here in NZ where not as lucky as some of the larger countries when packet first started, we had 3 HF forwarders and about 8 VHF BBS's and these few set the standard for along time. The HF forwards would only handle Personal mail and the odd bulletin but nothing on a WW scale, we couldn't even get a bulletin out to WW or USA as we had no path..

Internet forwarding has bought NZ closer to what is happening in the Packet world with up to date bulletins that are not stale ..

>Total investment was whatever an old beat up Icom 751, PK-232, Butternut >vertical and 33 Mhz 386 costs. Maybe a grand. Oh I forgot, a PK88 and an >old Yahoo transceiver so I can pass any VHF bound mail to the local BBS.

Well Jim your collection of beat up AR gear would be about 2 grands worth here and I break that down to 20 years of Internet forwarding for me .  
And without the hassle of maintaining it ..

I maintain 5 radios and 5 modems and copus amounts of coax and VHF and UHF antennas ,2 PCs and none of it is beat up gear all up cost well,over 13 grand,I consider this is quite enough to donate to my efforts to move mail without the added costs of HF and the slow performance of 300 baud etc..

I also have 2 small H/Hs and 2 modems and a terminal that I leand out to various people who show interest in packet as well

I do have an HF radio but as I can't stand CW and don't intend to sit my grade 1 licence, there is no way I can use HF, if I did I still don't think I would be happy adding another 4 grand to packet ..

A possible cure !! How about a Satellite that ONLY handles Bulletins ???

73 Phillip ZL2TZE

```
> ***
> Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
> Email: basalop@eskimo.com FAX: 360-659-1360
> Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA
> ***
--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz
```

---

## 189. Re: [BBSSIG:3606] Re: NT

From: Dale Seaburg <dseaburg@web-access.net>  
Date: Mon, 21 Oct 1996 21:00:20 -0500  
To: bbssig@tapr.org  
Message-ID: <326C2AB4.3375@web-access.net>  
Rendered body type: text/plain

Karl F. Larsen wrote:

```
>
> This is a wonderful message! It is full of ideas for using NT with
> the best of the packet radio software for dos. It has verifiable fact and
> anyone thinking of using NT for packet will want this message. I am
> transferring it to my goodies file...:-)
>
> How much will I have to pay for Windows NT version 4.0?
>
> karl
>
> snip...
```

Thanks, Karl. I appreciate the compliment. My headcold "forced" me to stay in this weekend instead of doing useful work outside <G>. Who says colds don't have their advantages (few, but I'll take 'em when they come... advantages, that is! :-)

I just got a flyer from TigerSoftware (www.tigersoft.com) and they were selling NT 4.0 for \$279.99. I got my original NT 3.51 last year when MS had a promotional on their VC++ 2.0 where you could get NT for \$99 and the coupon in the VC++ box. Couldn't pass that up. As it turned out, all you had to do was buy the NT upgrade package (3.1 to 3.51) which went for \$99 and it would work as if it were a new install!! It didn't bother to "look" for NT 3.1 during the install. More Marketing "snow" from MS! Why pay the \$318 (last year's price) when you could buy the

"upgrade"... BTW the upgrade price for NT 4.0 from TigerSoftware is \$129.99 'nuff said. It ain't cheap, but good commercial software generally isn't cheap. Linux, on the other hand, does have it's advantages - good software, very cheap, and lots of support...

Dale.

---

## 190. Re: [BBSSIG:3606] Re: NT

From: Dale Seaburg <dseaburg@web-access.net>  
Date: Mon, 21 Oct 1996 21:25:58 -0500  
To: bbssig@tapr.org  
Message-ID: <326C2D26.7A0C@web-access.net>  
Rendered body type: text/plain

Karl F. Larsen wrote:  
>  
>snip....

Karl and BBSSIG, I gave ya'll a wrong URL for TigerSoftware. The correct one is [www.tigerdirect.com](http://www.tigerdirect.com) BTW I noticed that there is a \$30 mailin rebate making the upgrade to NT 4.0 effectively \$99.

Sorry for the misinformation in my original reply...  
Dale. KG5LT  
dseaburg@web-access.net

---

## 191. Forwarding possibilities?

From: INFOPLAN.IPLAN10.LOUISK@cape\_smtp\_gw.iplan.co.za  
Date: Tue, 22 Oct 1996 08:30:01 +0200  
To: BBSSIG@tapr.org  
Message-ID: <s26c875f.031@cape\_smtp\_gw.iplan.co.za>  
Rendered body type: text/plain

I read all the debate so far on forwarding and saw the discussion on multicasting.

One question came to me, what about meteor scatter on 6m? It works better on distances longer than 300km(200m) and it relies on the meteor showers that the planet receives. Furthermore, will it also allow multicasting. A local commercial company provided such a service to our water affairs department to monitor the levels of the dams.

Why I also thought about it is you don't need a HF-license to do it.

There is history of two hams, one in Germany and the other in Italy, having succeeded in getting coms via meteor scatter. The pcb and all the related data is available from <ftp.funet.fi>.

Internet is fine, but it makes the hams lazy! If we didn't have it we will most probably have found new and more ingenious ways to pass traffic around the world.

Louis.

---

## 192. Re: [BBSSIG:3631] Re: NT

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 22 Oct 1996 07:11:51 -0600  
To: bbssig@tapr.org  
Message-ID: <199610221311.HAA18581@acca.nmsu.edu>  
Rendered body type: text/plain

At 09:03 PM 10/21/96 -0500, you wrote:  
>Karl F. Larsen wrote:  
>>

Thanks Dale and your right MS does use misleading advertising when selling software. But \$280 is not bad for a serious operating system with lots of documentation.

I know you ran Win-95 as I still am, since it was \$79.95 when I bought and with some effort it has become pretty stable. I doubt it's as stable as Linux is however. From your experience with NT, is there reason to believe NT version 4.0 will be as stable as Linux?

The early \$1800 NT was and is pretty good. There is a internet server using NT here. I wonder what the difference is in the commercial vs user versions of NT?



>I just got a flyer from TigerSoftware (www.tigersoft.com) and they were  
>selling NT 4.0 for \$279.99. I got my original NT 3.51 last year when MS  
>had a promotional on their VC++ 2.0 where you could get NT for \$99 and  
>the coupon in the VC++ box. Couldn't pass that up. As it turned out,  
>all you had to do was buy the NT upgrade package (3.1 to 3.51) which  
>went for \$99 and it would work as if it were a new install!! It didn't  
>bother to "look" for NT 3.1 during the install. More Marketing "snow"  
>from MS! Why pay the \$318 (last year's price) when you could buy the  
>"upgrade"... BTW the upgrade price for NT 4.0 from TigerSoftware is  
>\$129.99 'nuff said. It ain't cheap, but good commercial software  
>generally isn't cheap. Linux, on the other hand, does have it's  
>advantages - good software, very cheap, and lots of support...  
>  
>Dale.  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

### 193. Re: [BBSSIG:3623] What is Multi-casting?

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Tue, 22 Oct 1996 07:07:16 -0700 (PDT)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961022065922.26052A-100000@crl5.crl.com>  
Rendered body type: text/plain

It is apparent that lots of folks need to re-read the definition of  
"broadcasting" in Part 97. Especially the part about reception by the  
"general public"... Matters not what YOU think "broadcasting" is; just  
what the FCC's determination is... According to some of our readers my  
BBS mail beacon and ID frames must be "illegal"... HI!

Clarke  
K3WGF

---

### 194. Re: [BBSSIG:3635] Re: What is Multi-casting?

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Tue, 22 Oct 1996 14:57:32 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610221405.B16813-0100000@uranus>  
Rendered body type: text/plain

The FCC Part 97 states:

Definition of Broadcast:

Broadcasting. Transmissions intended for reception by the general public,  
either direct or relayed.

(b) An amateur station shall not engage in any form of broadcasting, nor  
may an amateur station transmit one-way communications except as  
specifically provided in these rules; nor shall an amateur station engage  
in any activity related to program production or news gathering for  
broadcasting purposes, except that communications directly related to the  
immediate safety of human life or the protection of property may be  
provided by amateur stations to broadcasters for dissemination to the  
public where no other means of communication is reasonably available  
before or at the time of the event.

--

The transmission of digital data via multicasting as we have been discussion  
does not fit in any of the sentences on the above paragraph, in my  
understanding. Please, correct me if I am wrong.

73,

Edson, N1VTN

---

### 195. Re: [BBSSIG:3626] Re: FWD via Internet, not phone bbs

From: George Salinas <saltair@hargray.com>  
Date: Tue, 22 Oct 1996 12:39:54 -0400  
To: bbssig@tapr.org  
Message-ID: <326CF8DA.6A3F@hargray.com>  
Rendered body type: text/plain

Charles E. Gelm wrote:  
>  
> Hector Sancho wrote:

> >  
> > -----  
> -----  
>  
> Is there any way to automatically refuse messages that contain  
> large file attaches?  
>  
> Chuck

\*\*\*\*\*  
\*

Hi Chuck,

One sure way of refusing what you don't like is to unsubscribe from the  
sig. That way, you won't have  
all the aggravation.

AAAAhhh, nice peace and quiet!!!

73, George KD4FJ.

---

## 196. Re: [BBSSIG:3636] Re: What is Multi-casting?

From: George Salinas <saltair@hargray.com>  
Date: Tue, 22 Oct 1996 13:01:23 -0400  
To: bbssig@tapr.org  
Message-ID: <326CFDE3.10D3@hargray.com>  
Rendered body type: text/plain

Edson W. R. Pereira wrote:

>  
> The FCC Part 97 states:  
>  
> Definition of Broadcast:  
>  
> Broadcasting. Transmissions intended for reception by the general public,  
> either direct or relayed.  
>  
> (b) An amateur station shall not engage in any form of broadcasting, nor  
> may an amateur station transmit one-way communications except as  
> specifically provided in these rules; nor shall an amateur station engage  
> in any activity related to program production or news gathering for  
> broadcasting purposes, except that communications directly related to the  
> immediate safety of human life or the protection of property may be  
> provided by amateur stations to broadcasters for dissemination to the  
> public where no other means of communication is reasonably available  
> before or at the time of the event.  
>  
> --  
>  
> The transmission of digital data via multicasting as we have been discussion  
> does not fit in any of the sentences on the above paragraph, in my  
> understanding. Please, correct me if I am wrong.  
>  
> 73,  
>  
> Edson, N1VTN

\*\*\*\*\*

I concur with your observation Edson. To further strengthen the "legal"  
interpretation of ham radio transmissions, two stations could actually  
link up to pass traffic and the rest of the ham radio population with  
the proper software could receive the multi-cast transmission without  
cluttering the air waves and thus saving valuable RF spectrum.

The only problem I see that would affect those in the receive only mode  
would be in the area where the signal would take some fading or  
interference hits and thereby degrading the reception.

This subject matter bears some investigation on the part of our ham  
radio gurus.

More information/comments/views please.

73, George KD4FJ.

---

## 197. Re: [BBSSIG:3621] Re: F6CNB bbs

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 22 Oct 1996 10:35:30 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961022183530.0068d1a4@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:46 PM 10/21/96 -0500, you wrote:  
>At 12:20 PM 10/21/96 -0500, you wrote:  
>>At 06:42 PM 10/20/96 -0500, you wrote:  
>>>  
>>> This afternoon I connected to both his JNOS internet Gateway systems  
>>>and was not able to reach a bbs. Has anyone else had better luck?  
>>>  
>>>73, de karl aka k5di  
>>>  
>>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->  
>>  
>>Why yes I have Karl - but with K5VMX ... via RADIO ... from way  
>>up here in Oregon. On 20M ... and on 40M ... and yes, we DO forward  
>>bulletins as well as personal and NTS messages.  
>>  
>>Want to join in?  
>>  
>>  
> Who is K5VMX? Did Remi Hutin get an american call? Please explain  
>what you mean Hank.

I'm sorry you have such difficulty understanding, but glad to spell it out.

K5VMX is in Texas ... the next state over from NM.  
I forward with him.  
He is still on air, and I get all the bulletins that would  
normally go (via the internet) through F6CNB.  
So the loss of Remi has not been noticed by my users, as there  
exists an alternate route, via ham radio, which is still working.

Is there something else you don't understand about this?

|                                                                                     |                    |
|-------------------------------------------------------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics                                                      | Library Operations |
| Internet : <a href="mailto:hank_oredson@mentorg.com">hank_oredson@mentorg.com</a>   | "Parts 'R Us!"     |
| Amateur Radio: <a href="mailto:W0RLI@W0RLI.OR.USA.NOAM">W0RLI@W0RLI.OR.USA.NOAM</a> |                    |

---

## 198. Re: [BBSSIG:3636] Re: What is Multi-casting?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 22 Oct 1996 10:35:33 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961022183533.0068ffb0@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 10:00 AM 10/22/96 -0500, you wrote:  
>  
>  
>The FCC Part 97 states:  
>  
>Definition of Broadcast:  
>  
>Broadcasting. Transmissions intended for reception by the general public,  
>either direct or relayed.  
>  
> (b) An amateur station shall not engage in any form of broadcasting, nor  
>may an amateur station transmit one-way communications except as  
>specifically provided in these rules; nor shall an amateur station engage  
>in any activity related to program production or news gathering for  
>broadcasting purposes, except that communications directly related to the  
>immediate safety of human life or the protection of property may be  
>provided by amateur stations to broadcasters for dissemination to the  
>public where no other means of communication is reasonably available  
>before or at the time of the event.  
>  
>--  
>  
>The transmission of digital data via multicasting as we have been discussion  
>does not fit in any of the sentences on the above paragraph, in my  
>understanding. Please, correct me if I am wrong.

The wording of interest is the "nor may an amateur station transmit one-way  
communications except ..." This is what leads me to think that multicast

may be perfectly ok, as long as all stations know the callsigns of all other stations involved in the multicast network.

Seemed perfectly clear to me ...

Just like "node broadcasts" which are directed not to "just any station" but are directed to the other nodes on the frequency.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM |                    |

---

## 199. Re: [BBSSIG:3620] Re: FORWARDING VIA TELEPHONE

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 22 Oct 1996 10:35:30 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961022183530.0067328c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:26 PM 10/21/96 -0500, you wrote:  
>At 12:19 PM 10/21/96 -0500, you wrote:  
>>At 07:54 AM 10/21/96 -0500, you wrote:  
>>>At 05:17 AM 10/21/96 -0500, you wrote:  
>>>>Hello Group,  
>>>>  
>>>>Couldn't resist making a comment. First I go down the list of of  
>>>>Internet mail, usually deleting anything that starts with the title  
>>>>of [BBSSIG]. Reminds me too much of the junk I see if I was to read  
>>>>the bulletins off a local packet BBS. One did catch my eye with the  
>>>>title Re: FORWARDING VIA THE INTERNET though, so I had to read  
>>>>one and chuckle.  
>>>>  
>>>>First of all, I run a HFMBØ using PacTOR (Winlink ) and can  
>>>>pass mail to NZ just about any time of the day or night. Sorry, no  
>>>>bulletins though. No one wants them anyway. Total investment was  
>>>>whatever an old beat up Icom 751, PK-232, Butternut vertical and 33  
>>>>Mhz 386 costs. Maybe a grand. Oh I forgot, a PK88 and an old Yahoo  
>>>>transceiver so I can pass any VHF bound mail to the local BBS.  
>>>>  
>>>>That is great Jim! What frequency and what times of the day do you  
>>>>work New Zealand on? Is this a established packet netork? Can I join it?  
>>>>About how many bytes of data do you pass every day?  
>>>>  
>>>>Hmmm ... Karl, I've responded on this topic every time you have asked,  
>>>>so will do so again. You would be most welcome on any of the HF nets.  
>>>>  
>>>>You were not who I asked Hank.

You asked the BBS SIG ... I am part of that SIG.

>  
>  
>>For my own situation, I forward \*all\* the bulletins, plus any presented  
>>personal and NTS traffic. Period. The whole lot. Willing to forward  
>>with you too, were you to show up on HF CLOVER.  
>  
>>Good for you Hank. But that is not what I asked for.

>>Don't tell me "the controller is too expensive".  
>>It's not. It's the same cost as a good HF capable TNC.  
>  
>>And how much is that again? I recall it's about \$400.00 or more.

You recall incorrectly.  
See several posts to this SIG.

>>So ... willing to give it a try?  
>>  
>>No but I might try working New Zealand using pactor and a butternut  
>>vertical any time I want to...

Sure, why not.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: WØRLI@WØRLI.ØR.USA.NOAM |                    |

---

## 200. Re: [BBSSIG:3633] Forwarding possibilities?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 22 Oct 1996 10:35:32 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961022183532.0067be5c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 01:59 AM 10/22/96 -0500, you wrote:  
>I read all the debate so far on forwarding and saw the discussion on  
>multicasting.  
>  
>One question came to me, what about meteor scatter on 6m? It works  
>better on distances longer than 300km(200m) and it relies on the meteor  
>showers that the planet receives. Furthermore, will it also allow  
>multicasting. A local commercial company provided such a service to  
>our water affairs department to monitor the levels of the dams.  
>  
>Why I also thought about it is you don't need a HF-license to do it.

Works on 10M as well, and US Novices can use that band.  
Surprised there has not been more use of the ionoscatter modes  
that are available on 6 and 10 near full time.

Suspect they might need new protocols though.

If anyone (at the right distance from Portland, Oregon) is interested  
in playing with 10M ionoscatter, I'd be glad to try it, using CLOVER.

(How about someone in Idaho, Montana, Wyoming, Colorado, Utah ?)

>  
>There is history of two hams, one in Germany and the other in Italy,  
>having succeeded in getting coms via meteor scatter. The pcb and all  
>the related data is available from ftp.funet.fi.  
>  
>Internet is fine, but it makes the hams lazy! If we didn't have it we will  
>most probably have found new and more ingenious ways to pass traffic  
>around the world.  
>  
>Louis.  
>  
>  
>  
>

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: WORLI@WORLI.OR.USA.NOAM |                    |

---

## 201. Re: [BBSSIG:3640] Re: What is Multi-casting?

From: laborde@kilroy.jpl.nasa.gov (Gregory R. LaBorde)  
Date: Tue, 22 Oct 1996 12:52:26 -0700  
To: bbssig@tapr.org  
Message-ID: <v02140b01ae92d1d8035f@[128.149.100.84]>  
Rendered body type: text/plain

>At 10:00 AM 10/22/96 -0500, you wrote:  
>The wording of interest is the "nor may an amateur station transmit one-way  
>communications except ..." This is what leads me to think that multicast  
>may be perfectly ok, as long as all stations know the callsigns of all other  
>stations involved in the multicast network.

I am not sure that even THAT is a requirement. After all, there is no  
requirement for the yokels on the local 2m chat box (voice) to \_know\_ each  
other's callsign, as long as each one knows their OWN callsign and  
identifies in accordance with the rules.

-Greg

|                     |                                       |
|---------------------|---------------------------------------|
| --                  |                                       |
| Gregory R. LaBorde  | Systems Engineer - Cassini ATLO       |
| Tel: (818) 393-1107 | Internet: laborde@kilroy.jpl.nasa.gov |
| FAX: (818) 393-7830 | Jet Propulsion Laboratory             |

---

## 202. [BBSSIG:3607] Re: FORWARDING VIA TELEPHONE

From: wa7nwp@wa7nwp.ampr.org  
Date: Tue, 22 Oct 1996 14:10:59 -0700 (MDT)  
To: bbssig@tapr.org@gw.ve6lip.ampr.org  
Message-ID: <m0vFnAG-0002pxC@mtewe.bigsky.com>  
Rendered body type: text/plain

> From: "Jim Berry" <basalop@eskimo.com>  
>  
> Hello Group,  
>  
> First of all, I run a HFMB0 using PacTOR (Winlink ) and can  
>  
> 73 Jim K7SLI  
>  
> Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)  
> Ham Digital: K7SLI @ K7SLI.#NWWA.WA.USA.NA

Hmmm. That call is sure familiar. Hey - so is the QTH. Now  
I remember who that is...

Last winter, shortly after Santa delivered the enhancement board  
for my KAM, I spent some time experimenting with PACTOR on 80 meters.

Jim was one of my first connections and turned out to be the  
most reliable. Thanks to his help I downloaded the list of WinLink  
systems and was able to connect to many on the various bands.

These folks have built quite a network. Their systems automatically  
scan set channels on various bands waiting for a connection. I learned  
that during certain hours in the evening I had a good path to K7SLI. I  
could, at those times, dial up one of Jim's frequencies, initiate a  
connection, and be fairly certain of getting a response. There was  
a path on 40 during the day... Other stations, further away, were  
available on 20.

This was all PACTOR. I believe the CLOVER folks have a similar setup.

Systems running MSYS with a KAM+ may respond to AMTOR, PACTOR or G-TOR.

These networks still don't have the answer to the one-to-many forwarding  
dilemma. For one-to-one message exchanges they work great. I wish I  
could be on line myself - but the software of choice here (\*NOS) is  
still evolving. So for the time being I'm expanding my HF digital  
horizons by monitoring APRS on 30 meters.

73,  
Bill - WA7NWP

---

## 203. Re: [BBSSIG:3643] Re: What is Multi-casting?

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Tue, 22 Oct 1996 20:39:24 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610222025.G16813-0100000@uranus>  
Rendered body type: text/plain

On Tue, 22 Oct 1996, Gregory R. LaBorde wrote:

> >At 10:00 AM 10/22/96 -0500, you wrote:  
> >The wording of interest is the "nor may an amateur station transmit one-way  
> >communications except ..." This is what leads me to think that multicast  
> >may be perfectly ok, as long as all stations know the callsigns of all other  
> >stations involved in the multicast network.  
>  
> I am not sure that even THAT is a requirement. After all, there is no  
> requirement for the yokels on the local 2m chat box (voice) to \_know\_ each  
> other's callsign, as long as each one knows their OWN callsign and  
> identifies in accordance with the rules.  
>  
> -Greg  
>

I agree.

With a multicast protocol, a station could send a poll command inviting  
other stations to identify themselves. This would have an interesting  
effect in HF where propagation conditions are always changing.

Is anyone interested in working on a multicast protocol specification?

-- Edson, N1VTN

---

## 204. Re: [BBSSIG:3639] Re: F6CNB bbs

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 22 Oct 1996 15:45:53 -0600  
To: bbssig@tapr.org  
Message-ID: <199610222145.PAA05441@acca.nmsu.edu>  
Rendered body type: text/plain

At 12:42 PM 10/22/96 -0500, you wrote:  
>At 04:46 PM 10/21/96 -0500, you wrote:  
>>At 12:20 PM 10/21/96 -0500, you wrote:  
>>>At 06:42 PM 10/20/96 -0500, you wrote:  
>>>>  
>>>> This afternoon I connected to both his JN0S internet Gateway systems  
>>>>and was not able to reach a bbs. Has anyone else had better luck?  
>>>>  
>>>>73, de karl aka k5di  
>>>>  
>>>>Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->  
>>>>  
>>>>Why yes I have Karl - but with K5VMX ... via RADIO ... from way  
>>>>up here in Oregon. On 20M ... and on 40M ... and yes, we DO forward  
>>>>bulletins as well as personal and NTS messages.  
>>>>  
>>>>Want to join in?  
>>>>  
>>>>  
>> Who is K5VMX? Did Remi Hutin get an american call? Please explain  
>>what you mean Hank.  
>  
>I'm sorry you have such difficulty understanding, but glad to spell it out.  
>  
>K5VMX is in Texas ... the next state over from NM.  
>I forward with him.  
>He is still on air, and I get all the bulletins that would  
>normally go (via the internet) through F6CNB.  
>So the loss of Remi has not been noticed by my users, as there  
>exists an alternate route, via ham radio, which is still working.  
>  
>Is there something else you don't understand about this?  
>  
Yes Hank you are either getting too old or you are just trying to  
push your dogma. I asked, "is f6cnb still a bbs?" and you tell me your still  
forwarding with Texas. I still don't know what I asked and I can't care less  
who you forward with. It matters not to me.

karl  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 205. Re: [BBSSIG:3636] Re: What is Multi-casting?

From: Rod Fowler <k2adj@mosquito.com>  
Date: Tue, 22 Oct 1996 17:50:08 -0400 (EDT)  
To: bbssig@tapr.org  
Message-ID: <199610222150.RAA08139@itchy.mosquito.com>  
Rendered body type: text/plain

At 10:00 AM 10/22/96 -0500, you wrote:  
>  
>  
>The FCC Part 97 states:  
>  
>Definition of Broadcast:  
>  
>Broadcasting. Transmissions intended for reception by the general public,  
>either direct or relayed.

Either I am dumb, blind or stupid, the above lines tell it all... The  
transmissions are for those HAMS with the capability to receive it and it is  
not intended for reception by the "general public either direct or relayed"!

73 de Rod

---

## 206. Re: [BBSSIG:3640] Re: What is Multi-casting?

From: Doug Fajardo <dfajardo@earthlink.net>  
Date: Tue, 22 Oct 1996 15:02:31 -0700 (PDT)  
To: bbssig@tapr.org  
Message-ID: <Pine.LNX.3.91.961022145544.280A-100000@timeheart.def.org>  
Rendered body type: text/plain

On Tue, 22 Oct 1996, Hank Oredson wrote:

> At 10:00 AM 10/22/96 -0500, you wrote:  
> >  
> >  
> >The FCC Part 97 states:  
> >  
> >Definition of Broadcast:  
> >  
> >Broadcasting. Transmissions intended for reception by the general public,  
> >either direct or relayed.  
> >

I belive that Hank's (and others') interpretation is right -  
multicasting is not, inherently, illegal on Ham radio. Of course, like  
anything else, it COULD be perverted...

In our efforts to be "legally correct" - (is that the Ham radio  
equivalent of "Politically correct? :) - Lets not forget that the purpose  
of Amateur radio still involves the advancement of the art. I doubt that  
anyone could argue that Multicasting - which is designed to save precious  
bandwidth - would NOT be such an advancement.

\*\*\* Doug Fajardo  
Wb6kny

---

## 207. Re: [BBSSIG:3647] Re: What is Multi-casting?

From: Greg Jones <wd5ivd@tapr.org>  
Date: Tue, 22 Oct 1996 17:05:57 -0500 (CDT)  
To: bbssig@tapr.org  
Message-ID: <199610222205.RAA12295@tapr.org>  
Rendered body type: text/plain

There was a debate on this last year which resulted in a position statement.  
Check the BBS SIG Web page on TAPR for the text.

Cheers - Greg

>  
> At 10:00 AM 10/22/96 -0500, you wrote:  
> >  
> >  
> >The FCC Part 97 states:  
> >  
> >Definition of Broadcast:  
> >  
> >Broadcasting. Transmissions intended for reception by the general public,  
> >either direct or relayed.  
>  
> Either I am dumb, blind or stupid, the above lines tell it all... The  
> transmissions are for those HAMS with the capability to receive it and it is  
> not intended for reception by the "general public either direct or relayed"!  
>  
> 73 de Rod  
>  
>

---

## 208. My Apology

From: "Brian" <vk4bbs@ozemail.com.au>  
Date: Tue, 22 Oct 1996 23:39:01 +0100  
To: <bbssig@tapr.org>  
Message-ID: <199610222343.JAA28655@oznet02.ozemail.com.au>  
Rendered body type: text/plain

Hi everyone

Please accept my apology. replies mail have been sent but it appears I  
personally may have finger problems and an extra L crept into my address  
although the BBSSIG server has it right.

The address should have been and is now vk4bbs@ozemail.com au

I will try and unsubscribe again

Rgds Brian



## 209. RE: [BBSSIG:3640] Re: What is Multi-casting?

From: David Stirrup <daves@aquasoft.com.au>  
Date: Wed, 23 Oct 1996 13:53:06 +1000  
To: "bbssig@tapr.org" <bbssig@tapr.org>,  
    "'Hank Oredson'"  
    <Hank\_Oredson@mentorg.com>  
Message-ID: <01BBC0E9.857E9900@syd2-ppp-110.tpgi.com.au>  
Rendered body type: text/plain

By this interpretation of FCC broadcasting it seems to me that calling "CQ" will land Americans in violation of their regs.....

I am somewhat relieved that my local beuracrats have apparently worded their shackles a little better.

Dave, VK2XDS  
Sydney, Australia  
-----

From: Hank Oredson[SMTP:Hank\_Oredson@mentorg.com]  
Sent: Tuesday, October 22, 1996 10:43 PM  
To: bbssig@tapr.org  
Subject: [BBSSIG:3640] Re: What is Multi-casting?

At 10:00 AM 10/22/96 -0500, you wrote:  
>  
>  
>The FCC Part 97 states:  
>  
>Definition of Broadcast:  
>  
>Broadcasting. Transmissions intended for reception by the general public,  
>either direct or relayed.  
>  
> (b) An amateur station shall not engage in any form of broadcasting, nor  
>may an amateur station transmit one-way communications except as  
>specifically provided in these rules; nor shall an amateur station engage  
>in any activity related to program production or news gathering for  
>broadcasting purposes, except that communications directly related to the  
>immediate safety of human life or the protection of property may be  
>provided by amateur stations to broadcasters for dissemination to the  
>public where no other means of communication is reasonably available  
>before or at the time of the event.  
>  
>---  
>  
>The transmission of digital data via multicasting as we have been discussion  
>does not fit in any of the sentences on the above paragraph, in my  
>understanding. Please, correct me if I am wrong.

The wording of interest is the "nor may an amateur station transmit one-way communications except ..." This is what leads me to think that multicast may be perfectly ok, as long as all stations know the callsigns of all other stations involved in the multicast network.

Seemed perfectly clear to me ...  
Just like "node broadcasts" which are directed not to "just any station" but are directed to the other nodes on the frequency.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

---

## 210. Re: What is Multi-casting?

From: aa7ya@juno.com  
Date: Wed, 23 Oct 1996 01:33:42 MST  
To: bbssig@tapr.org  
Message-ID: <19961023.013350.5383.4.aa7ya@juno.com>  
Rendered body type: text/plain

On Tue, 22 Oct 1996 22:56:13 -0500 (CDT) David Stirrup  
<daves@aquasoft.com.au> writes:

> By this interpretation of FCC broadcasting it seems to me that calling  
> "CQ" will land Americans in violation of their regs.....

Not necessarily, the laws regarding, are spelled out pretty clear.

> I am somewhat relieved that my local beuracrats have apparently worded  
> their shackles a little better.

Nobody's perfect. :)

The following speaks for itself...

>> Broadcasting. Transmissions intended for reception by the general  
>> public, either direct or relayed.

Having been in commercial radio broadcasting for  
10 long years (I am only 26 now :) ), I can clearly  
distinguish what can be termed "broadcasting", and  
"transmitting". This is how I see it. You can  
disagree, but this was my interpretation of the rule.

In the the Ham Radio domain, we refer to it as transmitting, not  
broadcasting. Only the BC stations (AM/FM/SW) term this  
as broadcasting. Broadcast stations do one way  
communications for a commercial interest, Ham Radio does  
not broadcast, it transmits, hence the term used to lay out  
the law separating the two in the following. Though  
vague, the term "program production" covers the issue  
of playing of music, or putting together a 4 hour radio  
show, both of which are prohibited on the Amateur  
frequencies. The law states....

>> (b) An amateur station shall not engage in any form of  
>> broadcasting, nor may an amateur station transmit one-way  
>> communications except as specifically provided in these rules;  
>> nor shall an amateur station engage in any activity related to  
>> program production or news gathering for broadcasting  
>> purposes, except that communications directly related to the  
>> immediate safety of human life or the protection of property may be  
>> provided by amateur stations to broadcasters for dissemination to the  
>> public where no other means of communication is reasonably available  
>> before or at the time of the event.

Then W0RLI said....

>> Seemed perfectly clear to me ...

Abundantly clear to me. I cannot believe how one  
goes to great lengths just to find all the "soft spots"  
in such a detailed rulebook, it's not that difficult to  
understand.

Bottom line folks, read it, understand it, and you  
will certainly know what it is the FCC wants of  
you.

>> Hank Oredson @ Mentor Graphics                      Library Operations  
>> Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
>> Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
>  
> Dave, VK2XDS  
> Sydney, Australia

73 de Stacey, AA7YA  
AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
aa7ya@juno.com

---

## 211. Re: [BBSSIG:3641] Re: FORWARDING VIA TELEPHONE

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Wed, 23 Oct 1996 07:53:36 -0700  
To: bbssig@tapr.org  
Message-ID: <326E3170.131A@erinet.com>  
Rendered body type: text/plain

How much is a CLOVER plug & play interface, again?

Chuck

---

## 212. Re: [BBSSIG:3645] Re: What is Multi-casting?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Wed, 23 Oct 1996 06:53:11 -0600  
To: bbssig@tapr.org  
Message-ID: <199610231253.GAA26986@acca.nmsu.edu>  
Rendered body type: text/plain

At 03:41 PM 10/22/96 -0500, you wrote:  
>  
>  
>On Tue, 22 Oct 1996, Gregory R. LaBorde wrote:  
>  
>  
>With a multicast protocol, a station could send a poll command inviting  
>other stations to identify themselves. This would have an interesting  
>effect in HF where propagation conditions are always changing.  
>  
>Is anyone interested in working on a multicast protocol specification?  
>  
>-- Edson, N1VTN  
>  
Edson I would be willing to write such a protocol and I am very  
qualified to do this because I don't even KNOW what multicast is defined as  
being. Is multicast a new breakfast food?

karl k5di  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

### 213. Re: [BBSSIG:3651] Re: What is Multi-casting?

From: "Stan Vandiver" <kd9be@thor.pla-net.net>  
Date: Wed, 23 Oct 1996 08:01:11 +0000  
To: bbssig@tapr.org  
Message-ID: <9610231305.AA18999@thor.pla-net.net>  
Rendered body type: text/plain

Hi all,

What do you folks suppose that W1AW has been doing for all these years?  
They are transmitting one-way bulletins 'of interest' to the amateur community.  
They need not know who is receiving their transmissions. This is all perfectly  
legal, without any doubt. The transmission of our BBS traffic in similar  
fashion would be just as legal, as it is also 'of interest' to the amateur  
community... not the general public.

The question, as I see it, is will the programmers who eventually make this  
idea a reality allow a provision for 'unknown' stations to request 'fills' in  
missed data (unlike W1AW), due to poor propagation, interference, etc? Or  
will it simply be "catch it if you can!"

Also, will the blocks of data be in some type of 'packaged format' (zipped or  
whatever) whereby if you get a glitch in the middle... you lose a LOT? Or  
would each bulletin be sent individually, so that a receiving station might  
only miss 'a few' bulletins due to poor conditions?

Well, thats my \$.02 worth. I'm looking forward to seeing this project further  
developed... it sounds like an excellent plan!

Best regards,  
Stan/KD9BE  
<http://www.pla-net.net/~kd9be/>

---

### 214. TAPR CDROM

From: Leroy.Lawhorn@275-17.usbbs.com (Leroy Lawhorn)  
Date: 16 Oct 96 15:32:28 -0500  
To: bbssig@tapr.org  
Message-ID: <ede\_9610170920@usbbs.com>  
Rendered body type: text/plain

Please send me information on your new cdrom.

--- WILDMAIL!/WC v4.12  
# Origin: W4VIW's BBS 864-299-6185 Greenville, SC USA (73:1320/1.0)  
--  
|Internet: Leroy.Lawhorn@275-17.usbbs.com  
|  
| E-Mail Services - info@usbbs.com

---

### 215. Multi-Casting a Definition

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Wed, 23 Oct 1996 09:28:39 -0600  
To: bbssig@tapr.org  
Message-ID: <199610231528.JAA01000@acca.nmsu.edu>  
Rendered body type: text/plain

## Multi-Cast a Definition

Karl Larsen aka k5di  
23 October 1996

Multi-Cast is a method whereby one sending station transmits a message that is received by more than one station. An example of this technique is used by the F6FBB PBB5 (FBB) software.

FBB re-transmits every bulletin that is received in a format that allows many other users to capture the bulletin at the same time. This works very well in the noise-free VHF/UHF FM environment.

There is no known method for transmitting HF data to more than one station at the same time. The purpose of defining Multi Cast is to lay the groundwork for designing software that will allow Multi-Cast on HF.

For the usual packet ax.25 error performance to be maintained it will be necessary for every receiving station to send a acknowledgement packet to the sender. If there are more than 3 stations receiving there needs to be a set response time delay for each receiving station, to control collisions.

This implies that some preliminary information is required at the sending station and at the receiving stations. The sending station needs to know EXACTLY who the receiving stations are. Some counters need to be set. For example, how many not-acknowledge or no reply will be allowed before a receiving station is dropped.

Receiver stations need to know who the sending station is and gets an acknowledgment delay number which is used to control when it sends such. It also must send the normal FBB message response symbols.

How does a new receiver station get added? For sure he can't be added until the current FBB block of messages is completed.

Status as I see it.

To write this software you need all the FBB forward information, and the definition of AX.25. The FBB forward information is available from JNOS and Brian Lantz of TNOS. We also need a host system that can be modified to operate in the Multi-Cast mode on HF. This is a problem.

TNOS for Linux is available source code and can be modified using the GCC compiler in Linux. Dpbox from Germany is a unix full BBS with Pactor for HF forwarding. But the source code is not available at this time. If the source comes available it should be capable of modification using GCC.

The single best chance I see is to get Brian Lantz interested in HF forwarding and get him to add Pactor to TNOS. That and some slight changes to ax.25 and I think HF Multi-Cast is possible.

73, karl k5di  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 216. (1) Multin TNC method (2) F6FBB beta testing

From: Ted Sloan <ei71@dial.pipex.com>  
Date: Wed, 23 Oct 1996 15:30:00 +0000  
To: bbssig@tapr.org  
Message-ID: <326E39F8.3611@dial.pipex.com>  
Rendered body type: text/plain

The Sysop of a neighbouring BBS who is not on the INTERNET has asked me to enquire about the two matters above -

(1) Can he have some details on how to set up a common line between two TNCs using switching diode on each TNC.

(2) He understands that there is a site on the INTERNET from which beta versions of F6FBB can be downloaded. He was a beta tester until fairly recently but now that GIDLL is no longer the main British distributor he seems to have been dropped.

-73- Ted  
GI4AHP

---

## 217. Re: [BBSSIG:3653] Re: FORWARDING VIA TELEPHONE

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Wed, 23 Oct 1996 10:02:01 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961023180201.0068fbb0@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:58 AM 10/23/96 -0500, you wrote:  
>How much is a CLOVER plug & play interface, again?  
>

There are three different controllers.  
The cheapest is the P38.  
List price is \$349, I've seen them advertised at \$329.  
Expect to find them for under \$300 if one does a bit of looking.

The most expensive is the DSP4100, at \$1295.

The "best" - in my view - is the PCI4000 at about \$400-\$500.  
However, the P38 does everything the PCI4000 does, except for  
the fastest data rate. That fast data rate is pretty fast though ...  
(750 bps ...)

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

---

## 218. Re: [BBSSIG:3657] Multi-Casting a Definition

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Wed, 23 Oct 1996 10:02:01 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961023180201.00673410@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 10:38 AM 10/23/96 -0500, you wrote:  
> Multi-Cast a Definition  
> Karl Larsen aka k5di  
> 23 October 1996  
>  
> Multi-Cast is a method whereby one sending station transmits  
>a message that is received by more than one station. An example of  
>this technique is used by the F6FBB PBBS (FBB) software.  
>  
> FBB re-transmits every bulletin that is received in a format  
>that allows many other users to capture the bulletin at the same  
>time. This works very well in the noise-free VHF/UHF FM  
>environment.  
>  
> There is no known method for transmitting HF data to more  
>than one station at the same time. The purpose of defining Multi  
>Cast is to lay the groundwork for designing software that will  
>allow Multi-Cast on HF.

TOR FEC has been used for this purpose for many years.  
No reason we could not use TOR FEC and CLOVER FEC for the "broadcast"  
and use ARQ for the "request fill" portions of a multicast protocol.

> For the usual packet ax.25 error performance to be maintained  
>it will be necessary for every receiving station to send a  
>acknowledgement packet to the sender. If there are more than 3  
>stations receiving there needs to be a set response time delay for  
>each receiving station, to control collisions.

There have been other mechanisms proposed to handle fills.  
Does anyone have access to the digital conference proceedings?  
Several different protocols have been proposed in the past.

> This implies that some preliminary information is required at  
>the sending station and at the receiving stations. The sending  
>station needs to know EXACTLY who the receiving stations are. Some  
>counters need to be set. For example, how many not-acknowledge or  
>no reply will be allowed before a receiving station is dropped.

The receiving stations can ack, or can ask for fills, after the  
transmission is complete.

> Receiver stations need to know who the sending station is and

>gets an acknowledgment delay number which is used to control when  
>it sends such. It also must send the normal FBB message response  
>symbols.

I don't think it needs to be this complex. Normal statistical  
backoff should handle the channel contention problem just fine.

> How does a new receiver station get added? For sure he can't  
>be added until the current FBB block of messages is completed.

Receivers "add themselves" ...

>  
> Status as I see it.  
>  
> To write this software you need all the FBB forward  
>information, and the definition of AX.25. The FBB forward  
>information is available from JNOS and Brian Lantz of TNOS. We  
>also need a host system that can be modified to operate in the  
>Multi-Cast mode on HF. This is a problem.

I see no reason to use the overly complex FBB protocols.  
We can use the FEC capability of TOR and CLOVER to deal with  
short term error correction, and the "new multicast protocol"  
to deal with long term error correction (fills).

> TNOS for Linux is available source code and can be modified  
>using the GCC compiler in Linux. Dpbox from Germany is a unix full  
>BBS with Pactor for HF forwarding. But the source code is not  
>available at this time. If the source comes available it should be  
>capable of modification using GCC.

TNOS and GCC are not options for most of the software authors  
who write software for HF operation. For VHF/UHF operation  
the new mode should be backfitted into the existing bbs codes.  
To this end we should write non-os-specific code (cf. CBBS).

> The single best chance I see is to get Brian Lantz interested  
>in HF forwarding and get him to add Pactor to TNOS. That and some  
>slight changes to ax.25 and I think HF Multi-Cast is possible.

Why would we not want to get the existing HF network onboard?  
The new protocol should be created, tested, and then the (generic)  
source made available to the authors of the code used by HF BBS sysops.

This idea worked well to get packet bbs off the ground in the first  
place, and it should work well again.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 219. Re: [BBSSIG:3660] Re: Multi-Casting a Definition

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Wed, 23 Oct 1996 15:49:06 -0600  
To: bbssig@tapr.org  
Message-ID: <199610232149.PAA12339@acca.nmsu.edu>  
Rendered body type: text/plain

At 12:13 PM 10/23/96 -0500, you wrote:  
>At 10:38 AM 10/23/96 -0500, you wrote:  
>> Multi-Cast a Definition  
>> Karl Larsen aka k5di  
>> 23 October 1996  
>>  
>> Multi-Cast is a method whereby one sending station transmits  
>>a message that is received by more than one station. An example of  
>>this technique is used by the F6FBB PBBS (FBB) software.  
>>  
>> FBB re-transmits every bulletin that is received in a format  
>>that allows many other users to capture the bulletin at the same  
>>time. This works very well in the noise-free VHF/UHF FM  
>>environment.  
>>  
>> There is no known method for transmitting HF data to more  
>>than one station at the same time. The purpose of defining Multi  
>>Cast is to lay the groundwork for designing software that will  
>>allow Multi-Cast on HF.

>  
>TOR FEC has been used for this purpose for many years.  
>No reason we could not use TOR FEC and CLOVER FEC for the "broadcast"  
>and use ARQ for the "request fill" portions of a multicast protocol.  
>  
Please explain Hank how TOR FEC and CLOVER FEC and ARQ have been used to do the defined task above I call Multi-Cast? How many receive stations can be served? What hardware and software do they need to buy?

>> For the usual packet ax.25 error performance to be maintained  
>>it will be necessary for every receiving station to send a  
>>acknowledgement packet to the sender. If there are more than 3  
>>stations receiving there needs to be a set response time delay for  
>>each receiving station, to control collisions.  
>  
>There have been other mechanisms proposed to handle fills.  
>Does anyone have access to the digital conference proceedings?  
>Several different protocols have been proposed in the past.

If your thinking of Phil's FEC work, I have already pinged him in another Sig. His work may fit this task and make it elegant.

>  
>> This implies that some preliminary information is required at  
>>the sending station and at the receiving stations. The sending  
>>station needs to know EXACTLY who the receiving stations are. Some  
>>counters need to be set. For example, how many not-acknowledge or  
>>no reply will be allowed before a receiving station is dropped.  
>  
>The receiving stations can ack, or can ask for fills, after the  
>transmission is complete.

How long is a transmission? I am thinking FBB type forwarding due to the elegant handshake used and the ability to que a defined number of bytes for each transmission. As a starter I'm thinking 5,000 bytes per transmission.

>  
>> Receiver stations need to know who the sending station is and  
>>gets an acknowledgment delay number which is used to control when  
>>it sends such. It also must send the normal FBB message response  
>>symbols.  
>  
>I don't think it needs to be this complex. Normal statistical  
>backoff should handle the channel contention problem just fine.

But why take a chance on collisions? The technique I think will require a setup thing between sender and receivers anyway.

>  
>> How does a new receiver station get added? For sure he can't  
>>be added until the current FBB block of messages is completed.  
>  
>Receivers "add themselves" ...  
>

Not in the concept I have Hank.

>>  
>> Status as I see it.  
>>  
>> To write this software you need all the FBB forward  
>>information, and the definition of AX.25. The FBB forward  
>>information is available from JNOS and Brian Lantz of TNOS. We  
>>also need a host system that can be modified to operate in the  
>>Multi-Cast mode on HF. This is a problem.  
>  
>I see no reason to use the overly complex FBB protocols.  
>We can use the FEC capability of TOR and CLOVER to deal with  
>short term error correction, and the "new multicast protocol"  
>to deal with long term error correction (fills).

I don't see the FBB protocol as complex. It looks elegant to me and simple. I don't want the Multi-Cast protocol to require the use of expensive CLOVER equipment. But it would be good if it can port to those using CLOVER.

>  
>> TNOS for Linux is available source code and can be modified  
>>using the GCC compiler in Linux. Dpbox from Germany is a unix full  
>>BBS with Pactor for HF forwarding. But the source code is not  
>>available at this time. If the source comes available it should be  
>>capable of modification using GCC.  
>  
>TNOS and GCC are not options for most of the software authors  
>who write software for HF operation. For VHF/UHF operation  
>the new mode should be backfitted into the existing bbs codes.  
>To this end we should write non-os-specific code (cf. CBBS).

Who are the software authors writing for HF? I think almost any good  
software author would be pleased to use GCC in a unix environment. Since  
both are freeware and run on a 386 DOS computer, it is easy to get. Even I  
have it!

>  
>> The single best chance I see is to get Brian Lantz interested  
>>in HF forwarding and get him to add Pactor to TNOS. That and some  
>>slight changes to ax.25 and I think HF Multi-Cast is possible.  
>  
>Why would we not want to get the existing HF network onboard?  
>The new protocol should be created, tested, and then the (generic)  
>source made available to the authors of the code used by HF BBS sysops.

I do not want to keep ANYONE from coming "onboard". In fact if I'm  
the conductor of this train, I want everyone who can contribute to do so.  
The people I have mentioned are just those in my experience Hank that have  
the capability to do this task. You can do it too I expect. But I can only  
be a conductor. I don't at this time want to learn how to do this kind of code.

>  
>This idea worked well to get packet bbs off the ground in the first  
>place, and it should work well again.  
>  
>Yes it can Hank. But I asked 3 times for someone to define the  
multicast protocol and got zip so I defined my own. I'm pleased you like it  
enough to comment Hank.

>  
>Hank Oredson @ Mentor Graphics                      Library Operations  
>Internet        : hank\_oredson@mentorg.com        "Parts 'R Us!"  
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

## 220. Re: [BBSSIG:3661] Re: Multi-Casting a Definition

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Wed, 23 Oct 1996 15:44:12 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961023234412.00697458@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:49 PM 10/23/96 -0500, you wrote:  
>At 12:13 PM 10/23/96 -0500, you wrote:  
>>At 10:38 AM 10/23/96 -0500, you wrote:  
>>>                      Multi-Cast a Definition  
>>>                      Karl Larsen aka k5di  
>>>                      23 October 1996  
>>>  
>>>        Multi-Cast is a method whereby one sending station transmits  
>>>a message that is received by more than one station. An example of  
>>>this technique is used by the F6FBB PBB5 (FBB) software.  
>>>  
>>>        FBB re-transmits every bulletin that is received in a format  
>>>that allows many other users to capture the bulletin at the same  
>>>time. This works very well in the noise-free VHF/UHF FM  
>>>environment.  
>>>  
>>>        There is no known method for transmitting HF data to more  
>>>than one station at the same time. The purpose of defining Multi  
>>>Cast is to lay the groundwork for designing software that will  
>>>allow Multi-Cast on HF.  
>>  
>>TOR FEC has been used for this purpose for many years.



>>No reason we could not use TOR FEC and CLOVER FEC for the "broadcast"  
>>and use ARQ for the "request fill" portions of a multicast protocol.  
>>  
> Please explain Hank how TOR FEC and CLOVER FEC and ARQ have been  
>used to do the defined task above I call Multi-Cast? How many receive  
>stations can be served? What hardware and software do they need to buy?

Good heavens Karl! Are you unaware of what TOR is used for?

My comment was meant to get you thinking about things that already exist, and thus could be adapted for ham radio use. Do your own research before you make statements like "... no known method ...". It is well known, and if you are curious about it you can do some research.

>>> For the usual packet ax.25 error performance to be maintained  
>>>it will be necessary for every receiving station to send a  
>>>acknowledgement packet to the sender. If there are more than 3  
>>>stations receiving there needs to be a set response time delay for  
>>>each receiving station, to control collisions.  
>>  
>>There have been other mechanisms proposed to handle fills.  
>>Does anyone have access to the digital conference proceedings?  
>>Several different protocols have been proposed in the past.  
>  
> If your thinking of Phil's FEC work, I have already pinged him in  
>another Sig. His work may fit this task and make it elegant.

The work Phil did was one idea. Check the proceedings.

>>> This implies that some preliminary information is required at  
>>>the sending station and at the receiving stations. The sending  
>>>station needs to know EXACTLY who the receiving stations are. Some  
>>>counters need to be set. For example, how many not-acknowledge or  
>>>no reply will be allowed before a receiving station is dropped.  
>>  
>>The receiving stations can ack, or can ask for fills, after the  
>>transmission is complete.  
>  
> How long is a transmission? I am thinking FBB type forwarding due to  
>the elegant handshake used and the ability to que a defined number of bytes  
>for each transmission. As a starter I'm thinking 5,000 bytes per transmission.

Why does one need any handshake? This is multicast, not connected mode.

>>> Receiver stations need to know who the sending station is and  
>>>gets an acknowledgment delay number which is used to control when  
>>>it sends such. It also must send the normal FBB message response  
>>>symbols.  
>>  
>>I don't think it needs to be this complex. Normal statistical  
>>backoff should handle the channel contention problem just fine.  
>  
> But why take a chance on collisions? The technique I think will  
>require a setup thing between sender and receivers anyway.

Why require any setup? Make it simple, not complex.

>>> How does a new receiver station get added? For sure he can't  
>>>be added until the current FBB block of messages is completed.  
>>  
>>Receivers "add themselves" ...  
>>  
> Not in the concept I have Hank.

You have not explained your concept. In the multicast ideas discussed in the past, there is no reason for a receiver to make itself known to the transmitter UNLESS it needs to request a fill. Keep it simple.

>  
>>>  
>>> Status as I see it.  
>>>  
>>> To write this software you need all the FBB forward  
>>>information, and the definition of AX.25. The FBB forward  
>>>information is available from JNOS and Brian Lantz of TNOS. We  
>>>also need a host system that can be modified to operate in the  
>>>Multi-Cast mode on HF. This is a problem.  
>>

>>I see no reason to use the overly complex FBB protocols.  
>>We can use the FEC capability of TOR and CLOVER to deal with  
>>short term error correction, and the "new multicast protocol"  
>>to deal with long term error correction (fills).  
>  
> I don't see the FBB protocol as complex. It looks elegant to me and  
>simple. I don't want the Multi-Cast protocol to require the use of expensive  
>CLOVER equipment. But it would be good if it can port to those using CLOVER.

You don't see it as complex, I do see it as complex. You want to sell  
these ideas, make them simple. And please stop using the adjective  
"expensive" with CLOVER unless you also use it with packet and TOR.  
The costs are similar, but less for TOR and CLOVER compared to packet  
because of the lower required S/N per bps.

>>> TNOS for Linux is available source code and can be modified  
>>>using the GCC compiler in Linux. Dpbox from Germany is a unix full  
>>>BBS with Pactor for HF forwarding. But the source code is not  
>>>available at this time. If the source comes available it should be  
>>>capable of modification using GCC.  
>>  
>>TNOS and GCC are not options for most of the software authors  
>>who write software for HF operation. For VHF/UHF operation  
>>the new mode should be backfitted into the existing bbs codes.  
>>To this end we should write non-os-specific code (cf. CBBS).  
>  
> Who are the software authors writing for HF? I think almost any good  
>software author would be pleased to use GCC in a unix environment. Since  
>both are freeware and run on a 386 DOS computer, it is easy to get. Even I  
>have it!

The only author currently writing specifically for HF is myself.  
If the winlink project gets going again, there will be two of us.  
My point was not to RESTRICT the code to a single compiler.  
i.e. keep it simple.

>>> The single best chance I see is to get Brian Lantz interested  
>>>in HF forwarding and get him to add Pactor to TNOS. That and some  
>>>slight changes to ax.25 and I think HF Multi-Cast is possible.  
>>  
>>Why would we not want to get the existing HF network onboard?  
>>The new protocol should be created, tested, and then the (generic)  
>>source made available to the authors of the code used by HF BBS sysops.  
>  
> I do not want to keep ANYONE from coming "onboard". In fact if I'm  
>the conductor of this train, I want everyone who can contribute to do so.  
>The people I have mentioned are just those in my experience Hank that have  
>the capability to do this task. You can do it too I expect. But I can only  
>be a conductor. I don't at this time want to learn how to do this kind of code.  
>  
>  
>>  
>>This idea worked well to get packet bbs off the ground in the first  
>>place, and it should work well again.  
>>  
> Yes it can Hank. But I asked 3 times for someone to define the  
>multicast protocol and got zip so I defined my own. I'm pleased you like it  
>enough to comment Hank.

You defined a multicast protocol? Where can I get a copy of the document?

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: WORLI@WORLI.OR.USA.NOAM |                    |

## 221. Re: [BBSSIG:3660] BBSSIG digest 560

From: "Dave Ewaldz" <dme@ingersoll.com>  
Date: Wed, 23 Oct 1996 18:07:43 -6000  
To: bbssig@tapr.org  
Message-ID: <199610231809.5AA30455@s3130.ingersoll.com>  
Rendered body type: text/plain

I don't normally flame, but I can't stand blatant mis-information  
being spread.

Karl, K5DI wrote:

>TNOS for Linux is available source code and can be modified using

>the GCC compiler in Linux. Dpbox from Germany is a unix full BBS with  
>Pactor for HF forwarding. But the source code is not available at this  
>time. If the source comes available it should be capable of  
>modification using GCC.

Not correct. Please research your information more thoroughly before you spread it. I've seen many posts like this with inaccurate info. Everybody makes mistakes, but please do a little thinking before you post.

-Dpbox does NOT do Pactor currently, at least according to the docs I have. It does do Pacsat broadcast protocol.

-Dpbox source code IS available, check the web site I posted yesterday.

73 Dave N9HKM

---

## 222. Re: [BBSSIG:3663] Re: BBSSIG digest 560

From: Bob Nielsen <nielsen@primenet.com>  
Date: Wed, 23 Oct 1996 19:11:30 -0700 (MST)  
To: bbssig@tapr.org  
Message-ID: <Pine.LNX.3.94.961023190502.21246A-100000@nielsen.tus.primenet.com>  
Rendered body type: text/plain

On Wed, 23 Oct 1996, Dave Ewaldz wrote:

>  
> -Dpbox source code IS available, check the web site I posted  
> yesterday.

When dpbox was first announced, the source code was not available. I arranged for it to be uploaded it to ftp.tapr.org (I was librarian for tapr.org at the time) and made an announcement to the linux-hams list. This generated a somewhat heated discussion about releasing Linux code without source, which eventually resulted in the source code being released (I don't know if anyone has uploaded it to tapr.org, however). Karl and others may not be aware of this.

Bob

----

|             |                                                                                 |
|-------------|---------------------------------------------------------------------------------|
| Bob Nielsen | Internet: nielsen@primenet.com                                                  |
| Tucson, AZ  | AMPRnet: w6swe@w6swe.ampr.org                                                   |
|             | AX.25: w6swe@wb7tls.az.usa.noam                                                 |
|             | <a href="http://www.primenet.com/~nielsen">http://www.primenet.com/~nielsen</a> |

---

## 223. Linux and Clover?

From: "Michael A. Burke" <mburke@llajta.nrc.bolnet.bo>  
Date: Thu, 24 Oct 1996 01:25:43 -0400  
To: hfsig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <199610232130.BAA24970@llajta.nrc.bolnet.bo>  
Rendered body type: text/plain

Anyone out there know of any drivers or software which works with the HAL Clover boards under Linux?

Mike - cp5vw

... Mike

---

## 224. Re: [BBSSIG:3661] Re: Multi-Casting a Definition

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Thu, 24 Oct 1996 03:22:18 -0700 (PDT)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961024031941.12319A-100000@crl11.crl.com>  
Rendered body type: text/plain

F6FBB software only "multi-casts" the DIRECTORY of bulletins and not the bulletins themselves. Interested stations have to request the text of the bulletins individually... Or am I missing some subtle point here?  
Clarke, K3WGF

---

## 225. Re: [BBSSIG:3662] Re: Multi-Casting a Definition

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Thu, 24 Oct 1996 07:34:49 -0700

To: bbssig@tapr.org  
Message-ID: <326F7E89.B3C@erinet.com>  
Rendered body type: text/plain

Hank Oredson wrote:

[SNIP]

> You don't see it as complex, I do see it as complex. You want to sell  
> these ideas, make them simple. And please stop using the adjective  
> "expensive" with CLOVER unless you also use it with packet and TOR.  
> The costs are similar, but less for TOR and CLOVER compared to packet  
> because of the lower required S/N per bps.[SNIP]

Hi, Hank:

Would you give me examples or a chart comparison between CLOVER  
and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
TNC-2 clone would be hard to beat with a CLOVER setup, since the  
CLOVER interface costs about this much.

?

Chuck  
nc8q

---

## 226. FBB v5.15c, help getting started, please

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Thu, 24 Oct 1996 07:42:38 -0700  
To: bbssig@tapr.org  
Message-ID: <326F805E.4362@erinet.com>  
Rendered body type: text/plain

Hello:

I would like to try FBB v5.15c. I have FBB515.ZIP & FBB515C.ZIP.  
I installed 515 and ran INSTA515, then I overlayed the FBB515C.ZIP.  
The new INSTAFBB balks about not finding INIT.SRV version 5.15c. I  
could not find an INIT.SRV version 5.15c in FBB515C.ZIP. What am I  
doing wrong and what do I do next? I am familiar with G8BPQv4.08a  
and plan to run FBB over BPQ.

73, Chuck  
nc8q

---

## 227. Re: [BBSSIG:3665] Linux and Clover?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 24 Oct 1996 05:47:12 -0600  
To: bbssig@tapr.org  
Message-ID: <199610241147.FAA01297@acca.nmsu.edu>  
Rendered body type: text/plain

At 12:31 AM 10/24/96 -0500, you wrote:

>Anyone out there know of any drivers or software which works with the  
>HAL Clover boards under Linux?

>

>Mike - cp5vw

>

>

>.. Mike

>

No I have not heard of any such doings Mike. But if the HAL Clover  
boards normally connect to a computer via a com port then it will be simple  
to do the same under Linux.

Here are the conversions from dos to Linux Mike:

|       |       |
|-------|-------|
| com 1 | ttyS0 |
| com 2 | ttyS1 |
| com 3 | ttyS2 |
| com n | ttySn |

Good luck and tell us how it works.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 228. Re: [BBSSIG:3662] Re: Multi-Casting a Definition

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 24 Oct 1996 06:23:32 -0600  
To: bbssig@tapr.org  
Message-ID: <199610241223.GAA01903@acca.nmsu.edu>  
Rendered body type: text/plain

snip

>Good heavens Karl! Are you unaware of what TOR is used for?

A guy here in Las Cruces wrote TOR about 1987. It was so long ago and worked so poor that I have put it out of my mind, where it will stay.

>  
>My comment was meant to get you thinking about things that already  
>exist, and thus could be adapted for ham radio use. Do your own  
>research before you make statements like "... no known method ..."  
>It is well known, and if you are curious about it you can do some  
>research.  
>  
>>>> For the usual packet ax.25 error performance to be maintained  
>>>>it will be necessary for every receiving station to send a  
>>>>acknowledgement packet to the sender. If there are more than 3  
>>>>stations receiving there needs to be a set response time delay for  
>>>>each receiving station, to control collisions.  
>>>  
>>>There have been other mechanisms proposed to handle fills.  
>>>Does anyone have access to the digital conference proceedings?  
>>>Several different protocols have been proposed in the past.  
>>  
>> If your thinking of Phil's FEC work, I have already pinged him in  
>>another Sig. His work may fit this task and make it elegant.  
>  
>The work Phil did was one idea. Check the proceedings.  
>  
I don't have the proceedings and I don't have a post script printer at my disposal any more.

>> Yes it can Hank. But I asked 3 times for someone to define the  
>>multicast protocol and got zip so I defined my own. I'm pleased you like it  
>>enough to comment Hank.  
>  
>You defined a multicast protocol? Where can I get a copy of the document?  
>  
Here is a copy of my multicast protocol:

>>> Multi-Cast is a method whereby one sending station transmits  
>>>a message that is received by more than one station. An example of  
>>>this technique is used by the F6FBB PBBS (FBB) software.

When I wrote those wonderful words yesterday I was certain that is a good definition. Now I'm less sure. It seems that you want to build this onto existing HF things such as AMTOR and CLOVER.

My thoughts were far more basic. I am thinking of software that, for example, extracts the callsigns that in normal ax.25 are digi calls and use them as receiver station calls. As I said above we need to maintain the current error free transmission we have now from ax.25.

I see nothing in AMTOR that does what I want to do with multicast, except you get a rtty type unconnected copy, with rtty types of error correction, ie: fewer than 25 errors per line. This is a pity if you want to start with that.

I might go out to the junk bin and find my old xt. On it's GIANT 32 meg hard drive is some AMTOR software of around 86-87 vintage.

karl  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 229. Re: [BBSSIG:3663] Re: BBSSIG digest 560

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 24 Oct 1996 06:23:35 -0600  
To: bbssig@tapr.org  
Message-ID: <199610241223.GAA01911@acca.nmsu.edu>  
Rendered body type: text/plain

At 06:56 PM 10/23/96 -0500, you wrote:  
>I don't normally flame, but I can't stand blatant mis-information  
>being spread.  
>

Your not flaming. I was wrong. I read the readme for dptnt\_14096 and

it said PAKSAT and in my mind converted that to PACTOR. I did not mis-read where it said the source code is not available.

It looks like dptnt is not even in the running for HF multicast use anyway. So the error, which I see as not blatant is admitted. Please inform me of other errors I make.

You see I discovered some time ago there are to ways to live. You can be passive and say little and be wrong seldom. Ot you can be a doer and try to get things going and in doing so make errors.

karl

```
>Karl, K5DI wrote:
>
>>TNOS for Linux is available source code and can be modified using
>>the GCC compiler in Linux. Dpbox from Germany is a unix full BBS with
>>Pactor for HF forwarding. But the source code is not available at this
>>time. If the source comes available it should be capable of
>>modification using GCC.
>
>Not correct. Please research your information more thoroughly before
>you spread it. I've seen many posts like this with inaccurate info.
>Everybody makes mistakes, but please do a little thinking before you
>post.
>
>-Dpbox does NOT do Pactor currently, at least according to the docs I
>have. It does do Pacsat broadcast protocol.
>
>-Dpbox source code IS available, check the web site I posted
>yesterday.
>
>73 Dave N9HKM
>
>
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

---

## 230. Re: [BBSSIG:3670] Re: Multi-Casting

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Thu, 24 Oct 1996 14:26:41 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610241326.A20378-0100000@uranus>  
Rendered body type: text/plain

The original PACSAT broadcast protocol does have most os the characteristics we are looking for.

If it is implemented over ax.25, it will inherits some of the deficiencies of the ax.25 protocol; however, it is many times (I do not know how many at this point) more efficient than ax.25 connected mode.

There are several implementations for the user software. DOS, Windows, Mac, and Linux. It uses a normal TNC in KISS mode.

I know ax.25, even in UI mode, is not very efficient, but we already have the tools to use it as it is and test the multicast concept in HF, and higher bands.

I am planing to test the pacsat engine (multicast from now on) on HF in a few weeks. At this point, I have it working on 9600 bps UHF with any serious problems.

If anyone is interested in participating, please let me know. You will need a 300 bps packet TNC with KISS, and WiSP, or PB, or SatLink. These softwares are originally designed for the PACSATs and can be found on the AMSAT FTP server, ftp.amsat.org/amsat/software, if I'm not mistaken.

Once the basic stuff is working, I plan to implement server-to-server communication and add support for other TOR modes.

The way it works is more or less like this:

The BBS exports the messages to be multicasted to a file. The file is then broken in several smaller files with pacsat headers, each one containing one message. Information about the message will be contatined on the headers. Things like from, to, subject, BID or MID, BBS, etc. will all be on the headers. The receiving station periodically requests a

updated directory (list of headers) from the server. Then the receiving station parses the directory and compares it to a local equation file. This will allow selection of what messages of bulletins to receive. After selection is made, the receiving station may request messages or bulletins from the server.

The important is: All transmissions are framed following the PACSAT broadcast protocol. No successfully received frame are wasted. Frames may be received out of sequence, one today and one tomorrow, doesn't matter.

The server will periodically transmit a list with all the stations on the broadcast (multicast) queue. This will inform all receiving stations when it is time to request hole fills, directory, or new files.

After a message or bulletin is received, a import file will be built and the BBS can import it.

What do you think about this procedure? Any ideas or suggestions are welcome.

73,

Edson, N1VTN

---

### 231. Re: [BBSSIG:3666] Re: Multi-Casting a Definition

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 24 Oct 1996 08:27:16 -0600  
To: bbssig@tapr.org  
Message-ID: <199610241427.IAA04639@acca.nmsu.edu>  
Rendered body type: text/plain

At 05:46 AM 10/24/96 -0500, you wrote:

>F6FBB software only "multi-casts" the DIRECTORY of bulletins and not the  
>bulletins themselves. Interested stations have to request the text of  
>the bulletins individually... Or am I missing some subtle point here?  
>Clarke, K3WGF  
>

No Clarke your remembering right. I just looked it up. I thought TPK from France would read the packets as they went to the local bbs. But that is not clear in the documentation.

karl k5di

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

### 232. Re: [BBSSIG:3668] FBB v5.15c, help getting started, please

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 24 Oct 1996 08:37:53 -0600  
To: bbssig@tapr.org  
Message-ID: <199610241437.IAA04904@acca.nmsu.edu>  
Rendered body type: text/plain

Hi Chuck, that IS confusing. In the FBB515C.zip there should be a readme that talks about using a file (the name I forgot) to "make" several new files. It uses the other files as source for the conversion.

If you can't find that readme I will look for it here. But I am now a Linux guy and forgetting dos.

At 06:48 AM 10/24/96 -0500, you wrote:

>Hello:

>

> I would like to try FBB v5.15c. I have FBB515.ZIP & FBB515C.ZIP.  
>I installed 515 and ran INSTA515, then I overlayed the FBB515C.ZIP.  
>The new INSTAFBB balks about not finding INIT.SRV version 5.15c. I  
>could not find an INIT.SRV version 5.15c in FBB515C.ZIP. What am I  
>doing wrong and what do I do next? I am familiar with G8BPQv4.08a  
>and plan to run FBB over BPQ.

>

>73, Chuck

>nc8q

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

### 233. Re: [BBSSIG:3666] Re: Multi-Casting a Definition

From: "Stan Vandiver" <kd9be@thor.pla-net.net>  
Date: Thu, 24 Oct 1996 09:59:06 +0000  
To: bbssig@tapr.org  
Message-ID: <9610241503.AA01199@thor.pla-net.net>  
Rendered body type: text/plain

Clarke L. Diekmann wrote:

> F6FBB software only "multi-casts" the DIRECTORY of bulletins and not the  
> bulletins themselves. Interested stations have to request the text of  
> the bulletins individually... Or am I missing some subtle point here?  
> Clarke, K3WGF

Yup, that's all I've ever seen it do. If Karl knows some way to make FBB work in 'multicast' forwarding, I'd sure like to see it myself!

73, Stan/KD9BE

---

## 234. Re: [BBSSIG:3672] Re: Multi-Casting

From: Greg Jones <wd5ivd@tapr.org>  
Date: Thu, 24 Oct 1996 11:39:47 -0500 (CDT)  
To: bbssig@tapr.org  
Message-ID: <199610241639.LAA25242@tapr.org>  
Rendered body type: text/plain

This is one of the best existing approaches.

As you mentioned, someone has written the FTL0 module. I believe a fellow in Japan had done something like this a few years ago...I looked at it for a system of network nodes and local BBS access. The users could simply use Wisp or PB/PG as the local terminal program...solving a lot of congestion issues on 2 meters. ANYway -- other things have come up sense to work on.

It should be interesting to see the tradeoff of full-duplex (like the satellites now) compared to a half-duplex channel. Unless -- you were to use a split HF operating mode. That might be interesting to do...but a lot harder to pull off on HF than 440.

Something that was missing from Karl's original message was the fact that with binary compressed data it would require a mechanism to determine where that information was in the message. Since this is already solved in the system design by Jeff Ward and Harold Price, not a big deal.

All this has been published. The base work is in the ARRL DCC proceedings 9th. The 5th DCC also has some the initial work using U0-11. Although several enhanced operational modes have been added since the original proceedings. I was lucky enough to spend a year at UoSAT with Jeff and the bunch there and learned a good deal about this and other things.

Here are the refs from the 9th below. You can always search the DCC via the web...like look up Ward or Pacsat and you can see the previous abstracts, which will help when working on projects like this..since a lot of this stuff has been published. Just use:  
<http://www.tapr.org/tapr/html/cncindex.html>

This should be a very fun project to get involved with and could have some very meaningful results.

Good Luck!

Cheers - Greg

(The abstracts on PACSAT are below).

P.S. Don't forget to write up all this stuff at the end of the project and get it in something. Like the PSR, DCC or someplace others can find it in the future and build off it.

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PACSAT Protocol Suite - An Overview  
by Harold E. Price, NK6K, and Jeff Ward, G0/K8KA

Abstract: A Low Earth Orbiting "Pacsat" has been described in the past as an orbiting bulletin board system. This is an over-simplification. A PACSAT is a multi-channel, full duplex device, with short, periodic access times dictated by orbital mechanics. These attributes mandate a different approach than the standard command-line interpreter style of BBS if the full potential of a PACSAT is to be realized.



The authors propose a new methodology for a PACSAT, and have developed several new protocols to implement more efficient access. These protocols all use AX.25, either in connected mode or with UI frames. This paper provides a description of the access model, and an overview of the new protocols.

#### PACSAT Data Specification Standards

by Harold E. Price, NK6K, and Jeff Ward, G0/K8KA

Abstract: This document provides a standard way of describing PACSAT data formats in specifications, and provides certain assumptions for implementors.

#### PACSAT Protocol: File Transfer Level 0

by Jeff Ward, G0/K8KA, and Harold E. Price, NK6K

Abstract: This document specifies Version 0 of the File Transfer Level 0 (FTL0) protocol designed for use on store-and-forward satellites (PACSATs). The protocol provides procedures for transferring binary files to and from a server computer using an error-corrected communication link.

Further to basic file transfer facilities, FTL0 provides file selection and directory procedures. Because a server may contain many files, only some of which are of interest to each client, the client may "select" a subset of the server's files. Subset selection is based on a flexible logical equation involving a large number of file characteristics. The scope of directory requests or file download requests can be limited to those files currently selected.

This protocol is designed to work specifically with files in which the actual "data" or "body" of the file is preceded by a standard "header", specified in the PACSAT File Header Definition document.

#### PACSAT Broadcast Protocol

by Harold E. Price, NK6K, and Jeff Ward, G0/K8KA

Abstract: The case for a broadcast protocol for use on PACSATs is made, and a suitable protocol is proposed. In the proposed protocol, files of general interest are chopped into <UI> frames and repeatedly sent by the PACSAT in round-robin fashion or on request. each <UI> frame datagram contains enough information for groundstation software to place the frame in the correct position in the appropriate file. Information indicating the type of file being received is also included in each frame. A protocol for groundstations to request retransmissions of specific frames is included.

#### PACSAT File Header Definition

by Jeff Ward, G0/K8KA, and Harold E. Price, NK6K

Abstract: A flexible encoding method for PACSAT file headers is described, and "Mandatory", "Extended" and "Optional" Headers are defined. These headers are supplied by the programs which send files and/or messages to PACSAT, and by on-board programs which build files/messages intended for downloading. PACSAT file headers are present in all files.

>

---

## 235. BBS FOR SALE

From: kd4kao@juno.com (Harley w Patrick)  
Date: Thu, 24 Oct 1996 11:39:58 EDT  
To: BBSSIG@tapr.org  
Message-ID: <19961024.114515.4783.0.KD4KA0@juno.com>  
Rendered body type: text/plain

KD4JFP ASKED ME TO PLACE THIS MESSAGE ON THIS SIG.

PATRICK HARLEY - KD4KA0  
KD4KA0@KD4KA0#.CAE.SC.USA.NOAM

>From : KD4JFP  
To : ALLUS@SALE

Type/status : BF  
Date/time : 18-Oct 17:27  
BID (MID) : 39607\_KD4JFP  
Message # : 15172  
Title : FBB BBS Complete for sale  
Path: !KD4HTU!KD4JFP!

From: KD4JFP@KD4JFP.#PER.SC.USA.NOAM  
To : ALLUS@SALE

I have the following BBS that is currently functioning and has done so for over (2) years. #1 A 385DX2 49 that is upgradeable, this unit has a 340 Med HD >not compressed, (4) Megs og Ram added., 3 1/2/ floppy drive, 5 1/4 floppy drive. This unoit is a mini tower with digital display. The unit comes with 4 Com ports that allow you to use 4 TNC's without having to do any Modifications. I am currently running 4 ports and have been for over (2) years with no problem. #2 Motorola Mitrek running at 60 on 145.01 watts (custom designed) control head and cables for open squelch operation, which is wha tthe TNC'S are running.

This radio has a custom built head and cable, not lik other bulky Motorola stuff. The Radio is currently running at 60 Watts, but can go as high as 100 watts by Motorola specs. The TNC' would be included in the package  
#3 Motorola Mitrek on 145.75 and has the above same features. I have with this system 3 MFJ TNC's running polled KISS since I am running FBB software. I will throw all three of these and a Tiny 2 TNC also running polled KISS on the system. All of the 12 Volt units is powered by a GE Commercial Grade Power rated at 50 Watts and Surge to 65 Watt. Will take 750.00 for the complete system listed above. I will not split up t6he system, since it took so long to build. Any questions see E-Mail address or send mesage to this BBS

JOE KD4JFP @ KD4JFP.#PER.SC.USA.NOAM

E-MAIL JOSEPH.COLLINS@SRS.GOV

---

## 236. Multicasting and ARQ systems

From: Gwyn Reedy <gwyn@paccomm.com>  
Date: Thu, 24 Oct 1996 12:49:44 -0400  
To: "bbssig@tapr.org" <bbssig@tapr.org>  
Message-ID: <01BBC1A9.D5EF8AA0@gwyn.paccomm.com>  
Rendered body type: text/plain

Charles E. Gelm[SMTP:gelmc@erinet.com] wrote:

>Would you give me examples or a chart comparison between CLOVER  
>and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
>TNC-2 clone would be hard to beat with a CLOVER setup, since the  
>CLOVER interface costs about this much.  
>?  
>Chuck  
>nc8q

Chuck,

There is no question in my mind that Clover, Pactor-II and such protocols are far and away much better on HF than AX.25 packet. Even Pactor-1, GTOR and AMTOR are much better than packet except on those rare occasions when the transmission is right at the MUF (no multi-path) in which packet can really do its intended throughput.

Take a look at the archives on the HF SIG for a number of interesting discussions on this topic.

Gwyn Reedy, W1BEL  
PacComm Packet Radio Systems  
<http://www.paccomm.com>

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### 237. Re: [BBSSIG:3669] Re: Linux and Clover?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 24 Oct 1996 10:41:39 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961024184139.0068396c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:49 AM 10/24/96 -0500, you wrote:  
>At 12:31 AM 10/24/96 -0500, you wrote:  
>>Anyone out there know of any drivers or software which works with the  
>>HAL Clover boards under Linux?  
>>  
>>Mike - cp5vw  
>>  
>>  
>>.. Mike  
>>  
> No I have not heard of any such doings Mike. But if the HAL Clover  
>boards normally connect to a computer via a com port then it will be simple  
>to do the same under Linux.

The CLOVER boards do not connect "via a COM port", they are cards that install inside your computer. There is no "COM port interface" to the boards. The DSP4100 does connect via a COM port, as it is an external controller.

The protocol used to talk to the board is fairly complex (they do lots of different things).

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

---

### 238. Re: [BBSSIG:3672] Re: Multi-Casting

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 24 Oct 1996 10:41:39 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961024184139.00687f78@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 09:29 AM 10/24/96 -0500, you wrote:  
>  
>  
>The original PACSAT broadcast protocol does have most of the  
>characteristics we are looking for.

Can you give a pointer to the specification for this protocol?  
Will look at the level of effort required to implement it over  
the TOR modes.

>  
>If it is implemented over ax.25, it will inherit some of the  
>deficiencies of the ax.25 protocol; however, it is many times (I do not  
>know how many at this point) more efficient than ax.25 connected mode.  
>  
>There are several implementations for the user software. DOS, Windows,  
>Mac, and Linux. It uses a normal TNC in KISS mode.  
>  
>I know ax.25, even in UI mode, is not very efficient, but we already have  
>the tools to use it as it is and test the multicast concept in HF, and  
>higher bands.  
>  
>I am planning to test the pacsat engine (multicast from now on) on HF in a  
>few weeks. At this point, I have it working on 9600 bps UHF with any serious  
>problems.  
>  
>If anyone is interested in participating, please let me know. You will  
>need a 300 bps packet TNC with KISS, and WiSP, or PB, or SatLink. These  
>softwares are originally designed for the PACSATs and can be found on the  
>AMSAT FTP server, ftp.amsat.org/amsat/software, if I'm not mistaken.  
>  
>Once the basic stuff is working, I plan to implement server-to-server  
>communication and add support for other TOR modes.  
>  
>The way it works is more or less like this:  
>

>The BBS exports the messages to be multicasted to a file. The file is  
>then broken in several smaller files with pacsat headers, each one  
>containing one message. Information about the message will be contained  
>on the headers. Things like from, to, subject, BID or MID, BBS, etc. will  
>all be on the headers. The receiving station periodically requests a  
>updated directory (list of headers) from the server. Then the receiving  
>station parses the directory and compares it to a local equation file.  
>This will allow selection of what messages or bulletins to receive. After  
>selection is made, the receiving station may request messages or bulletins  
>from the server.

Does the protocol use RFC-822 for the messages?  
Is bulk compression possible?

>The important is: All transmissions are framed following the PACSAT  
>broadcast protocol. No successfully received frame are wasted. Frames may  
>be received out of sequence, one today and one tomorrow, doesn't matter.  
>  
>The server will periodically transmit a list with all the stations on the  
>broadcast (multicast) queue. This will inform all receiving stations when  
>it is time to request hole fills, directory, or new files.  
>  
>After a message or bulletin is received, a import file will be built and  
>the BBS can import it.  
>  
>What do you think about this procedure? Any ideas or suggestions are welcome.

Sounds like it might be a good start point.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM |                    |

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## 239. Re: [BBSSIG:3667] Re: Multi-Casting a Definition

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 24 Oct 1996 10:41:38 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961024184138.00682e90@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:41 AM 10/24/96 -0500, you wrote:  
>Hank Oredson wrote:  
>[SNIP]  
>> You don't see it as complex, I do see it as complex. You want to sell  
>> these ideas, make them simple. And please stop using the adjective  
>> "expensive" with CLOVER unless you also use it with packet and TOR.  
>> The costs are similar, but less for TOR and CLOVER compared to packet  
>> because of the lower required S/N per bps.[SNIP]  
>  
> Hi, Hank:  
>  
> Would you give me examples or a chart comparison between CLOVER  
>and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
>TNC-2 clone would be hard to beat with a CLOVER setup, since the  
>CLOVER interface costs about this much.

See the current QST.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM |                    |

---

## 240. RE: [BBSSIG:3676] Re: Multi-Casting

From: Gwyn Reedy <gwyn@paccomm.com>  
Date: Thu, 24 Oct 1996 14:16:43 -0400  
To: "'bbssig@tapr.org'" <bbssig@tapr.org>  
Message-ID: <01BBC1B5.FCBE6C80@gwyn.paccomm.com>  
Rendered body type: text/plain

On Thursday, October 24, 1996 7:40 AM, Greg Jones[SMTP:wd5ivd@tapr.org]  
wrote:  
>This is one of the best existing approaches.  
>  
>As you mentioned, someone has written the FTL0 module. I believe a fellow  
in  
>Japan had done something like this a few years ago...I looked at it for a



the landline...

Some comments of the past couple days traffic.

Multicasting, as I consider it, is simply the ability for any number of stations to pick up files or messages being sent by a transmitting station.

The file or message may be directed to another station as we currently send traffic, or to a non-specific destination (QST).

In some cases, the receiving stations would be able to request fills. In other situations, they would have to wait until the same message/file was sent again and hope to get lucky by picking up the missing pieces.

Receiving stations with transmit ability could even poll for missed pieces from any other monitoring system.

The multicast protocol should function independently of the transmission protocol (Clover, PACTOR, Packet) as long as each transmitted segment can be guaranteed correct and include the appropriate file/message id and byte location needed protocol to work.

Does PACTOR, in FEC correcting mode, guarantee that the received data is valid? Doesn't it "guess" if the bits don't all line up? If that's the case, it would be necessary to put the multicast segment in a higher level 'segment' with an error detection mechanism.

In Packet, a good packet is a good packet.. What about Clover?

The 'OR modes are probably better technically - but what we really need is to reach the masses with the simple equipment. That's the system with a short wave receiver, the receiving half of a bit-banger software (Baycom style) modem and a floppy based XT system. (Note - TNC software developers should be able to add a receive module to their firmware.)

A Clover board IS expensive. An ISDN modem IS expensive. Even an 28.8 modem IS expensive. (I will gladly be proven wrong by anybody who wishes to purchase and give me an inexpensive Clover modem...)

The German BBS package, DPTNT, looks really good!!! I picked it up a couple nights ago. (Expensively, via AOL, I might add. :-) We need multicasting to distribute software as well as messages!) My poor old 386sx16, with 4 MB ram, had quite the workout yesterday compiling the various DPTNT modules in addition to its normal TNOS and Email duties. I've glanced through the doc's and am impressed with the capabilities. In addition to being a PAKSAT protocol server and client, it claims to be able to import messages being exchanged between systems with existing protocols. Even, with some tweaks, FBB compressed messages. Good work fellows!!!

With a little luck, I should have DPTNT running tonight or tomorrow. Anybody else in the area ready to run some Paksat on HF tests? Email me (vodall@juno.com or wa7nwp@wa7nwp.ampr.org) if you're interested...

Back to the task list.

73,  
Bill - WA7NWP

---

## 242. Re: [BBSSIG:3680] Re: Multi-Casting

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Thu, 24 Oct 1996 18:28:46 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610241804.C20378-0100000@uranus>  
Rendered body type: text/plain

On Thu, 24 Oct 1996, Hank Oredson wrote:

> >The original PACSAT broadcast protocol does have most of the  
> >characteristics we are looking for.  
>  
> Can you give a pointer to the specification for this protocol?  
> Will look at the level of effort required to implement it over  
> the TOR modes.  
>

I just uploaded all files I have to



```
> MD#YK*; [ <00@-E('X'EEXQ&1*Q!G;RX]8#6P&Q#V;SOP.L!A!4 JL#9@!;'^
> M83</.!Y+S-0$[IPB3P='1W!;!K0J $<3Q1;HLZP!L08P= ($)!'!M'-!C
> M!Y KL" B,2FP=;\1L#T!!: U8#K `)!M"U#2>44R(%<$`'^WS_0!T#_*8 %
> MP%!" +U!'GRL0!" J`D/4$]!R;0N 9T0!*)$)P&%M/6$S8&S^=BKC/:%*$2G@
> M! : ?T >0ZS+B*5%S"E!S10](#TD?'RF!(U RH4N11,)!3GGB=R*@"TM*8 J
> M`07 ?SMS!" 1@#8A!:'@$4P</\S4 GP1H$C`": 00("("O/7T_04/\N]R!/?
> M5SD@"H57_RH0`Z!$,@6Q4Z0+@#Z!',"_3C,;@#-@"'!'D%4Q<C8@?ST!*I$3
> MP%67`_ J`#-0=?\1<$P2(P`:\2+ 4[(IL /PWS:0*CSK$EI 0_!B`Q JL,)&
> M4",@,G IH4A&5D4*A?\R02F245)5H4X`7W$J$0JPGF,[\ 5 14)4LFUU`P!M
> M8N$G!&!,\V8S\$N1)]M,$&)P= AP-C)W-H%=\L3T#,Q<#:P!)!F-6!%D.\R
> MP4Q@`R B4Q)>$&:@`P"Q*0$U-FMJT 6Q,0;0TTW",N!N=0A@<T9!8!,_141>
> M(6F@0Z JXDY1.6M[(J!HY&4*L3X@/?$#4&6R<0I0;F,(D$3!25UY_VX01M!5
> M4F:!7V$I,4,P!4!S-J$BP&)U*G$K<44S)_\I06X!3/ U4$0!<?5CJV.Z3PLW
> M&0(!T"1P=WD#H%(")>!D(K%7,4)%3`T*HU `T A09L!Y`F824E\ZL#+P$Y43
> M( JR: ) <- Z+R]W>Y N9>%FHA8N5,%CU'U\ \ `$$$`$! `$$$`P`1$ ``
> M`! ``<P(+0]-; !NP% ``@P(+0]-; !NP$>#T`0`$$$4`$$$!213H@`$$$
> #`,`&_
> `
> end
>
```

## 244. Re: [BBSSIG:3682] Re: Multi-Casting

From: Greg Jones <wd5ivd@tapr.org>  
Date: Thu, 24 Oct 1996 14:01:02 -0500 (CDT)  
To: bbssig@tapr.org  
Message-ID: <199610241901.0AA00265@tapr.org>  
Rendered body type: text/plain

```
> As one way to get the packet user community 'moving faster' picture a well
> sited, powerful central hub running 56kb or 1mb continuously with users
> responding on 9K6 well separated frequencies. Information dispenser cost is
> not low, but each user's individual cost is.
```

Yes -- you see what I had in mind several years ago. Bascially thinkof PACSATs sitting on buildings instead of flying around in the air.

I thought we had someone writing a new BBS package which would incorporate this design, but alas they stopped working on it when a paying job came along.

Greg

## 245. Re: [BBSSIG:3683] Multicasting misc...

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Thu, 24 Oct 1996 19:22:01 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610241819.E20378-01000000@uranus>  
Rendered body type: text/plain

On Thu, 24 Oct 1996 wa7nwp@wa7nwp.ampr.org wrote:

```
> Some comments of the past couple days traffic.
>
> Multicasting, as I consider it, is simply the ability for any number
> of stations to pick up files or messages being sent by a transmitting
> station.
>
```

That is a simple and accurate description.

```
> The file or message may be directed to another station as we currently
> send traffic, or to a non-specific destination (QST).
>
```

100% correct and this is the exact way the PACSAT broadcast protocol works.

```
> In some cases, the receiving stations would be able to request fills.
> In other situations, they would have to wait until the same message/file
> was sent again and hope to get lucky by picking up the missing pieces.
>
```

There can be two types of receiving stations. Two-way and one-way stations. One-way stations (without transmitting capabilities) could receive messages just by listening to the channel.

```
> Receiving stations with transmit ability could even poll for
> missed pieces from any other monitoring system.
>
```



One thing that I have not mentioned that will be important is integrity of files on different BBSes/servers. What I mean by integrity is: A message or bulletin with the same MID/BID should be the exactly the same over the network. This will allow receiving stations request fills for a specific file from any server on the network. To keep file integrity we have to strip BBS R: headers. This should be OK since a file can come in pieces from several places; however, this approach would make us loose the ability to follow the station (BBS) path.

> The multicast protocol should function independently of the transmission  
> protocol (Clover, PACTOR, Packet) as long as each transmitted segment  
> can be guaranteed correct and include the appropriate file/message id  
> and byte location needed protocol to work.  
>

At the moment I am not thinking on other modes yet. It works with packet.  
Next step will be pactor and g-tor.

> Does PACTOR, in FEC correcting mode, guarantee that the received data  
> is valid? Doesn't it "guess" if the bits don't all line up? If that's  
> the case, it would be necessary to put the multicast segment in a  
> higher level 'segment' with an error detection mechanism.  
>

I am not sure about the statement I am going to make... I think it would require to put one more layer between the PACSAT protocol and any TOR mode because there is no framing scheme on the TOR modes (as I said, I am not sure about this).

> In Packet, a good packet is a good packet.. What about Clover?  
>

Have never played with Clover.

> The 'OR modes are probably better technically - but what we really  
> need is to reach the masses with the simple equipment. That's the  
> system with a short wave receiver, the receiving half of a bit-banger software  
> (Baycom style) modem and a floppy based XT system. (Note - TNC software  
> developers should be able to add a receive module to their firmware.)  
>

Bit-banging can be easily done with Linux. I took a look at the baycom code and it should not be difficult to implement other protocols besides packet radio. Inserting the Reed-Solomon code from Phil Karn would be very simple.

> A Clover board IS expensive. An ISDN modem IS expensive. Even an 28.8 modem  
> IS expensive. (I will gladly be proven wrong by anybody who wishes to  
> purchase and give me an inexpensive Clover modem...)  
>

I agree.

> The German BBS package, DPTNT, looks really good!!! I picked it up a  
> couple nights ago. (Expensively, via AOL, I might add. :-) We need  
> multicasting to distribute software as well as messages!) My poor old  
> 386sx16, with 4 MB ram, had quite the workout yesterday compiling the  
> various DPTNT modules in addition to its normal TNOS and Email duties.  
> I've glanced through the doc's and am impressed with the capabilities.  
> In addition to being a PAKSAT protocol server and client, it claims  
> to be able to import messages being exchanged between systems with  
> existing protocols. Even, with some tweaks, FBB compressed messages.  
> Good work fellows!!!  
>

DPTNT is a superb piece of software. Let us know about your experiments.  
Today I saw a new DPTNT uploaded on ucsd.

> With a little luck, I should have DPTNT running tonight or tomorrow. Anybody  
> else in the area ready to run some Paksat on HF tests? Email me  
> (vodall@juno.com or wa7nwp@wa7nwp.ampr.org) if you're interested...  
>

Whish I was near your location, Bill.

Anyone in the Boston area?

-- Edson, N1VTN

> Back to the task list.  
>  
> 73,  
> Bill - WA7NWP  
>

---

## 246. Re: [BBSSIG:3686] Re: Multi-Casting

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Thu, 24 Oct 1996 19:26:53 +0000  
To: bbssig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610241938.F20378-0100000@uranus>  
Rendered body type: text/plain

On Thu, 24 Oct 1996, Greg Jones wrote:

> I thought we had someone writing a new BBS package which would incorporate  
> this design, but alas they stopped working on it when a paying job came  
> along.  
>

Few years ago Norimasa Okamoto, JN2LHU, released his first version of  
PBSV, which was a PACSAT server for DOS. Last year DPBOX, TNT, and now  
DPTNT are around. Things should be much better with Linux now, I hope.

-- Edson

> Greg  
>

---

## 247. Re: [BBSSIG:3669] Re: Linux and Clover?

From: "Michael A. Burke" <mburke@llajta.nrc.bolnet.bo>  
Date: Thu, 24 Oct 1996 18:08:47 -0400  
To: bbssig@tapr.org  
Message-ID: <199610241412.SAA30894@llajta.nrc.bolnet.bo>  
Rendered body type: text/plain

Thanks, Karl, but Hank is right,

It is a little more complicated than that. I just don't want to  
re-invent the wheel if someone has already written the interface.

Thanks.

Mike

... Mike

---

## 248. Re: Multi-Casting a Definition

From: aa7ya@juno.com  
Date: Fri, 25 Oct 1996 01:30:24 MST  
To: bbssig@tapr.org  
Message-ID: <19961025.014608.5383.2.aa7ya@juno.com>  
Rendered body type: text/plain

On Thu, 24 Oct 1996 07:28:39 -0500 (CDT) "Karl F. Larsen"  
<k5di@acca.nmsu.edu> writes:

[ SNIP ]

>>>> Multi-Cast is a method whereby one sending station transmits  
>>>>a message that is received by more than one station. An example of  
>>>>this technique is used by the F6FBB PBB5 (FBB) software.

That is multi-forwarding, i.e., using a connect by the FBB BBS to  
several other BBS's. FBB sends 5 messages at a time, which is  
bulk forwarding. This is not multi-casting either. Read the  
messages posted by Bill/WA7NWP <vodall@juno.com>, in each,  
Bill describes what it is that needs to be done, and quite simple in  
terms of hardware to use, I might add.

>karl  
>Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/>  
>---

>  
>

73 de Stacey, AA7YA  
AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
aa7ya@juno.com

---

## 249. Re: Multi-Casting a Definition

From: aa7ya@juno.com  
Date: Fri, 25 Oct 1996 01:47:27 MST  
To: bbssig@tapr.org  
Message-ID: <19961025.014608.5383.3.aa7ya@juno.com>  
Rendered body type: text/plain

On Thu, 24 Oct 1996 06:41:49 -0500 (CDT) "Charles E. Gelm"  
<gelmce@erinet.com> writes:

>Hank Oredson wrote:  
>[SNIP]  
>> You don't see it as complex, I do see it as complex. You want to  
>>sell these ideas, make them simple. And please stop using the  
adjective  
>> "expensive" with CLOVER unless you also use it with packet and TOR.  
>> The costs are similar, but less for TOR and CLOVER compared to  
>>packet becuase of the lower required S/N per bps.  
>[SNIP]  
>  
> Hi, Hank:  
>  
> Would you give me examples or a chart comparison between CLOVER  
>and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
>TNC-2 clone would be hard to beat with a CLOVER setup, since the  
>CLOVER interface costs about this much.  
>?  
>Chuck  
>nc8q  
>  
>

Look in the latest QST.

73 de Stacey, AA7YA  
AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
aa7ya@juno.com

---

## 250. Re: [BBSSIG:3678] Multicasting and ARQ systems

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 25 Oct 1996 06:04:49 -0600  
To: bbssig@tapr.org  
Message-ID: <199610251204.GAA09031@acca.nmsu.edu>  
Rendered body type: text/plain

Gwyn, now it looks like a multicast test will begin using PACKSAT as  
the protocal and anyone can play if they have that and a tnc at 300 baud  
that runs in kiss. I have a Kam collecting dust that ports to my ts-140 and  
I have a German software that has PACKSAT implemented in it and it runs with  
unix.

My big problem is where to find another com port...:-)

At 11:47 AM 10/24/96 -0500, you wrote:

> Charles E. Gelm[SMTP:gelmce@erinet.com] wrote:

>  
>  
>>Would you give me examples or a chart comparison between CLOVER  
>>and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
>>TNC-2 clone would be hard to beat with a CLOVER setup, since the  
>>CLOVER interface costs about this much.  
>>?  
>>Chuck  
>>nc8q  
>  
>  
>Chuck,  
>  
>There is no question in my mind that Clover, Pactor-II and such protocols  
>are far and away much better on HF than AX.25 packet. Even Pactor-1, GTOR  
>and AMTOR are much better than packet except on those rare occasions when

>the transmission is right at the MUF (no multi-path) in which packet can  
>really do its intended throughput.  
>  
>Take a look at the archives on the HF SIG for a number of interesting  
>discussions on this topic.  
>  
>  
>  
>Gwyn Reedy, W1BEL  
>PacComm Packet Radio Systems  
><http://www.paccomm.com>  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 251. Re: [BBSSIG:3676] Re: Multi-Casting

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 25 Oct 1996 06:21:22 -0600  
To: bbssig@tapr.org  
Message-ID: <199610251221.GAA09325@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:40 AM 10/24/96 -0500, you wrote:  
>This is one of the best existing approaches.  
>  
>As you mentioned, someone has written the FTL0 module. I believe a fellow in  
>Japan had done something like this a few years ago...I looked at it for a  
>system of network nodes and local BBS access. The users could simply use Wisp  
>or PB/PG as the local terminal program...solving a lot of congestion issues  
>on 2 meters. Anyway -- other things have come up sense to work on.  
>  
>It should be interesting to see the tradeoff of full-duplex (like the  
>satellites now) compared to a half-duplex channel. Unless -- you were to  
>use a split HF operating mode. That might be interesting to do...but a lot  
>harder to pull off on HF than 440.

Thanks Greg for the thought of split operation. I think it sounds  
VERY good! The split need not be large frequency wise. In fact it might be  
one with the sender on upper and receivers on lower sideband. Most hf radios  
have at least 2 vfo's, so called, so this can be done.

I am going to try and d/l the references in a form I can read on the  
computer. This will be a useful experiment since printing involves just too  
much expense here. Of course it's worth it at 5 cents a page if it's GOOD.

karl k5di  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 252. Re: [BBSSIG:3689] Re: Linux and Clover?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 25 Oct 1996 06:47:36 -0600  
To: bbssig@tapr.org  
Message-ID: <199610251247.GAA09783@acca.nmsu.edu>  
Rendered body type: text/plain

Yes Mike, I was unaware that Clover is a pc card. All bets are off  
in that case...I am still looking for how to connect my DRSI cards to tnos  
in linux. I compiled a new kernel that is 2.0.20 as I recall so that should  
be possible. I configured for all but the defined experimental ham stuff.

73 karl k5di

At 05:10 PM 10/24/96 -0500, you wrote:  
>Thanks, Karl, but Hank is right,  
>  
>It is a little more complicated than that. I just don't want to  
>re-invent the wheel if someone has already written the interface.  
>  
>Thanks.  
>  
>Mike  
>  
>  
>  
>  
>

>.. Mike  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

---

## 253. PACSAT info

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 25 Oct 1996 12:53:12 -0600  
To: bbssig@tapr.org  
Message-ID: <199610251853.MAA20360@acca.nmsu.edu>  
Rendered body type: text/plain

For those following the multitask talking I set up "dpbox", a very good looking bbs software for Linux and then read the manual. It, by the way is well written and gives detail and examples of how to do things. In English.

Here is what the Dpbox Manual says about the Dpbox PAKSAT mode:

### 19. The Broadcast Mode

The up-to-date most advanced feature of DPBOX is the built-in PACSAT Broadcast Server and the Broadcast Receiver.

The PACSAT Broadcast Mode was developed for satellites, but it works well terrestrial, too. The theory is that usually many users read out the same files of a BBS. It would be much more efficient if the BBS 'broadcasts' the files simultaneously to all interested users, so HF channel load will be lowered dramatically. In practice, this means that a local BBS offers a second HF channel, 9600 baud data speed recommended, where 24 hours a day all incoming mails are 'broadcasted' in a special protocol. The files are repeated, of course, depending on their age. New files are often retransmitted, older ones less often. With today's German mail count, a cycle time of about 30 minutes for the files of the last 24 hours is reachable (in 9k6...). This means, that a user starts reception, for example when coming home, and about half an hour later, he has all new files of the day on his own system. If he stays tuned for longer, he has the chance to catch older files, too, but usually, they were received by him the day before and therefore deferred. Note that the user doesn't need a transmitter for this mode, so this is fine for SWL's, too. When the user wants to write a mail, he has to leave the broadcast frequency and to connect the BBS on another channel in the usual way.

Take yourself 5 minutes to think about this feature and its implications for the packet radio network. Assuming that about 90 percent of all traffic is the readout of BBS files, the digipeaters will get a lot of free time and bandwidth with this technology.

DPBOX includes both sides of this amazing mode: The Server and the Receiver. DO NEVER USE THE SERVER IF NOT ACTING AS A LOCAL BBS, it will create an incredible amount of QRM! Normally, you only should use the Receiver.

Received files are sorted in your own BBS, according to the selection mechanisms with REJECT.BOX, RUBRIKEN.BOX etc.

One word about satellites and DPBOX: In general, the used protocol at U0-22 or K0-23 is the same as within DPBOX. But, note: Due to small sized antennas I never caught a whole file from those satellites. I cannot promise it works all right. A main problem is the 'request mode', a feature that is not used terrestrial (here, distorted data blocks are resent automatically in the cyclic time slices of the BBS). So better don't use DPBOX interactively on the satellites. But it should be OK for monitoring.

So like he says take 5 minutes, or more like 5 days, to think about the application of PAKSAT to bbs use. It's sure interesting.

I have not got Ppbox running yet. I need to see if I can run both Dpbox and TNOS in the same computer under Linux and sharing the 3 tnc's now connected to TNOS. GOD! I wish G8BPQ would write his switch for Linux...:-)

karl k5di  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->

---

## 254. Re: [BBSSIG:3691] Re: Multi-Casting a Definition

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Sat, 26 Oct 1996 08:42:40 -0700  
To: bbssig@tapr.org  
Message-ID: <32723170.73BB@erinet.com>

Rendered body type: text/plain

aa7ya@juno.com wrote:

```
>
> On Thu, 24 Oct 1996 06:41:49 -0500 (CDT) "Charles E. Gelm"
> <gelmce@erinet.com> writes:
>
> >Hank Oredson wrote:
> >[SNIP]
> >> You don't see it as complex, I do see it as complex. You want to
> >>sell these ideas, make them simple. And please stop using the
> > adjective
> >> "expensive" with CLOVER unless you also use it with packet and TOR.
> >> The costs are similar, but less for TOR and CLOVER compared to
> >>packet becuase of the lower required S/N per bps.
> >[SNIP]
> >
> > Hi, Hank:
> >
> > Would you give me examples or a chart comparison between CLOVER
> >and ax.25 packet. It seems to me that a $200 50watt FM radio and
> >TNC-2 clone would be hard to beat with a CLOVER setup, since the
> >CLOVER interface costs about this much.
> >?
> >Chuck
> >nc8q
> >
> >
> > Look in the latest QST.
> >
> > 73 de Stacey, AA7YA
> > AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
> > aa7ya@juno.com
```

Hi, Stacey:

My latest is November 1996 and I didn't find anything about clover. Would you pass along the issue and page number?

73, Chuck nc8q

---

## 255. G8BPQ switch for linux ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Sat, 26 Oct 1996 08:55:43 -0700  
To: bbssig@tapr.org  
Message-ID: <3272347F.3A13@erinet.com>  
Rendered body type: text/plain

Karl F. Larsen wrote:

```
...huge snip
> ... GOD! I wish G8BPQ would write his switch for Linux...:-)
>
> karl k5di
> Karl F. Larsen ---- k5di@acca.nmsu.edu --- http://acca.nmsu.edu/~k5di/ -->
```

I pray G8BPQ would write his switch for linux.  
:-)  
Chuck nc8q

---

## 256. RE WORLI BID CHECK

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>  
Date: Mon, 28 Oct 1996 09:20:09 +1200  
To: bbssig@tapr.org  
Message-ID: <3275502f.z12tze@z12tze.mlb.planet.gen.nz>  
Rendered body type: text/plain

Hi,

I don't know what others think of these totally useless BID CHECK Bulletins but this one has to take the CAKE !!!

I do agree that Changed BIDs do cause problems and that we as SYSOPs need to TRY and stop these messages, but do we have to Notify the whole world that the Oregon Packet NetWork has a BID changer in there Forwarding Area ??.

I don't think so !!

Hank you have said time and time again if there is a problem in your area

fix it ..

Your Software BIDCHK locates a problem which is good then unfortunately you discredit its usefulness by sending these @ WW..

It is quite obvious to the Normal Packet user that these are intended for the SYSOP of the offending BBS's so why not send them to their forwarding partners as SPs.

I thought that in Oregon they had an OPNW (Open Packet Network) well that is what Hank tells us and also has stated many times that they DONT have ANY problems in that part of the world..

One will note that there is NOT a valid Callsign in the From field which shows that nearly all BBS software will except anything I just wonder if this is legal..

```
#R:961027/1544Z @:ZL2VGB.#59.NZL.OC #:43712 Masterton 5.15c $:W0RLI26491
#R:961027/1406Z @:ZL2WA.#60.NZL.OC #:59128 [Lower Hutt] FBB5.15c $:W0RLI26491
#R:961027/0258Z @:ZL2TMQ.#01.NZL.OC #:52159 [Whangarei] FBB5.15c $:W0RLI26491
#R:961027/0336Z @:ZL2TMQ.#01.NZL.OC #:42107 [Whangarei] FBB7.00a $:W0RLI26491
#R:961025/1724Z @:KC6UFM.#SEMO.MO.USA.NA #:65073 [Cher. Pass] FBB5.15c
#R:961025/0209Z @:W4DPH.#TPA.FL.USA.NA #:56690 [CLW] FBB7.00a $:W0RLI26491
#R:961025/0303z @:K04KS.#TPA.FL.USA.NA #:311887 $:W0RLI26491
#R:961025/0152Z @:WB0TAX.#SHRV.LA.USA.NA #:64859 $:W0RLI26491
#R:961025/0137Z @:PU3DTA.RS.BRA.SA #:9177 [Infobahn GF49Kx] $:W0RLI26491
#R:961021/1002Z @:VE7ROB.#VANC.BC.CAN.NA #:36070 [Delta, BC] $:W0RLI26491
#R:961021/0918Z @:VE7DIE.#SVI.BC.CAN.NA #:39736 [Victoria, BC] $:W0RLI26491
#R:961021/0857Z @:KB7WE.#WWA.WA.USA.NA #:13431 [BREMERTON] $:W0RLI26491
#R:961021/0829Z @:KB7CNN.#WWA.WA.USA.NA #:50570 [N.W.GATEWAY] $:W0RLI26491
#R:961021/0753 @:WB7QEU.WA.USA.NA #:38462
#R:961021/0040 @:W0RLI.OR.USA.NA #:26491
#
#
```

#The following information is provided to assist you  
#and your forwarding partners locate the cause of the  
#problem and correct it. Hope this info helps you.

Well I am sure that this one won't help any one here in NZ or Canada ,  
Brazil or in Tampa Florida..

```
#-----
#Between 52273@N7DXT and 8908@KC7KFE
#the BID was changed from 1258_IW9CNZ to 12589_IW9CNZ
#Headers are:
#R:961018/0726 @:KC7KFE.#SALEM.OR.USA.NA #:8908 B:12589_IW9CNZ
#R:961018/0439 @:N7DXT.#NWOR.OR.USA.NA #:52273 B:1258_IW9CNZ
#
#[ BIDCHK Version 1.0 by W0RLI ]
```

The closest BBS to these two BBS's is W0RLI why send the stuff at WW ??? and  
the chances that the offending BBS reads this would be slim ..

73 Phillip ZL2TZE

```
--
Phillip Conza
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC
E-Mail private phil@zl2tze.mlb.planet.gen.nz
```

## 257. RE W0RLI BID CHECK

```
From: Rod Fowler <k2adj@mosquito.com>
Date: Sun, 27 Oct 1996 23:10:36 -0500 (EST)
To: bbssig@tapr.org
Message-ID: <199610280410.XAA00404@itchy.mosquito.com>
Rendered body type: text/plain
```

Now it is time for my illustrious 2 cents worth of information on this BID  
CHECK problem. To set the picture, I am located in Southern NJ and am the  
major bulletin and mail forwarder for the Section.

I just checked my BBS which has close to 2000 bulletins on it and there are  
NO repeat NO bulletins on it from BIDCHK or BADBID.. For some reason they  
are not making it here so really there is no problem except if they do, they  
will go immediately on HOLD due to the fact that MSYS BBS program is coded  
to STOP and HOLD any bulletin or message that is NOT FROM a LEGAL CALLSIGN  
(Hank, take note of that.)! This could very well be the reason why they  
are not making it everywhere, just too many MSYS systems out there, hi....

## 258. Re: [BBSSIG:3608] Re: FORWARDING VIA TELEPHONE

From: bewhite@ibm.net  
Date: Sun, 27 Oct 96 11:26:39  
To: bbssig@tapr.org  
Message-ID: <9610271928.AA0014@localhost>  
Rendered body type: text/plain

Multicasting as broadcasting could be overcome by having "subscription lists".

73  
Barry VK2AAB @ VK2WI  
bewhite@ibm.net

---

## 259. Re: [BBSSIG:3659] Re: FORWARDING VIA TELEPHONE

From: bewhite@ibm.net  
Date: Sun, 27 Oct 96 18:19:35  
To: bbssig@tapr.org  
Message-ID: <9610280224.AA0010@localhost>  
Rendered body type: text/plain

Hello Hank W0RLI,

Your BIDCKECK routine produces M\_FILTER messages that have to be dealt with together with the "real" ones. There is more than enough of those anyway. If you could please fix this it would be appreciated. I have only ever seen them refer to US bulletins. (Not to say that we don't have some of our own).

73  
Barry VK2AAB @ VK2WI  
bewhite@ibm.net

---

## 260. Re: [BBSSIG:3701] Re: FORWARDING VIA TELEPHONE

From: n5pvl@texoma.net (Charles Brabham)  
Date: Mon, 28 Oct 1996 06:28:18 -0600 (CST)  
To: bbssig@tapr.org  
Message-ID: <199610281228.GAA13809@mercury.texoma.net>  
Rendered body type: text/plain

>Hello Hank W0RLI,

>  
> Your BIDCKECK routine produces M\_FILTER messages that have  
>to be dealt with together with the "real" ones. There is more than enough of  
>those anyway. If you could please fix this it would be appreciated. I have  
>only ever seen them refer to US bulletins. (Not to say that we don't have  
>some of our own).

>  
>  
>  
> 73  
> Barry VK2AAB @ VK2WI  
> bewhite@ibm.net  
>

My experience has been that my M\_FILTER program still catches the things I have "told" it to catch, and everything else, including the BIDCHECK bulletins goes through normally with no problem.

They "make it" to north Texas just fine too, as far as I can tell.

If your M\_FILTER is not working properly, it's probably best to check it's configuration. I had to "tinker" with mine for a while, before I finally got it to behave itself properly.

73 DE Charles Brabham N5PVL  
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA  
E-Mail : n5pvl@texoma.com  
WWW : http://www.texoma.com/~n5pvl

---

## 261. Re: Multicasting....

From: Dirk-Jan Koopman <djk@tobit.co.uk>  
Date: Mon, 28 Oct 1996 12:56:12 +0000 (GMT)  
To: bbssig@tapr.org  
Message-ID: <Pine.LNX.3.93.961028123208.10105D-100000@dirku.tobit.co.uk>  
Rendered body type: text/plain



I see that this hoary old subject has come round again. This is getting a bit like the morse code 'debate'.

1. Multicasting is legal (period); even in the US. If you want to be pedantic then call it group communications and then tell me what is the difference between that and a voice net (a voice net is in fact a very good model for a muticast protocol (see amoeba docs, Andrew S Tanenbaum et al)).

2. If you have a message that is to be sent to more than one place AND each of those places can work the sender, then it has been shown by many people, in many studies that it is MUCH more efficient to multicast. This is particularly true if you get the protocol correct. In essence you can show that, for a reasonable, network you can multicast to n stations with an average just over two messages (total) i.e. it takes just over two messages to reliably distribute a message to any number of stations on a reasonable network.

There is a fair amount of experimentation likely to be required to actually achieve this rate for HF (or other frequencies) as the figures refer to ethernet. But don't use that as an excuse not to try.

A number of people have come up with suitable protocols, including me, but the only one in daily use today is the PACSAT protocol. FBB doesn't count because it only multicasts the headers, not the whole packet itself. There is a rumour that the DPBOX people have some sort of protocol as well, but I have never seen it in use.

For what it is worth, I have written multicast protocols in my day job and might be persuaded to make something available, but I don't know how to shoehorn it into a tnc2 eprom.

I personally don't think that the PACSAT protocol fits in very well with ground based comms although I know it has been successfully used in that role.

And finally, I seem to remember that when this came up last time there was a lot of 'anti' traffic coming from one of the now proponents to multicasting, it would seem that the penny has dropped!

It would therefore be a service to this sig if you don't know EXACTLY what we are talking about that you, at least, listen and learn before sounding off and saying "It's illegal" or "It can't be done" or "it's inefficient" and this time something might get done!

73 Dirk G1TLH

---

## 262. Re: [BBSSIG:3698] RE WORLI BID CHECK

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Mon, 28 Oct 1996 09:01:09 -0800  
To: bbssig@tapr.org  
Message-ID: <3274E6D5.35F@erinet.com>  
Rendered body type: text/plain

Phillip Conza wrote:  
<snip>

> One will note that there is NOT a valid Callsign in the From field which shows  
> that nearly all BBS software will except anything I just wonder if this is  
> legal..  
>

I don't feel that a callsign in the from field is needed for legality.

Chuck nc8q

---

## 263. Re: [BBSSIG:3698] RE WORLI BID CHECK

From: ei7gm@iol.ie (Paul Kearney)  
Date: Mon, 28 Oct 1996 13:53:22 +0000  
To: bbssig@tapr.org  
Message-ID: <199610281357.NAA08281@GPO.iol.ie>  
Rendered body type: text/plain

>#R:961027/1544Z @:ZL2VGB.#59.NZL.OC #:43712 Masterton 5.15c \$:W0RLI26491  
>#R:961027/1406Z @:ZL2WA.#60.NZL.OC #:59128 [Lower Hutt] FBB5.15c \$:W0RLI26491  
>#R:961027/0258Z @:ZL2TMQ.#01.NZL.OC #:52159 [Whangarei] FBB5.15c \$:W0RLI26491  
>#R:961027/0336Z @:ZL2TMQ.#01.NZL.OC #:42107 [Whangarei] FBB7.00a \$:W0RLI26491  
>#R:961025/1724Z @:KC6UFM.#SEMO.MO.USA.NA #:65073 [Cher. Pass] FBB5.15c  
>#R:961025/0209Z @:W4DPH.#TPA.FL.USA.NA #:56690 [CLW] FBB7.00a \$:W0RLI26491

```

>#R:961025/0303z @:K04KS.#TPA.FL.USA.NA #:311887 $:W0RLI26491
>#R:961025/0152Z @:WB0TAX.#SHRV.LA.USA.NA #:64859 $:W0RLI26491
>#R:961025/0137Z @:PU3DTA.RS.BRA.SA #:9177 [Infobahn GF49kx] $:W0RLI26491
>#R:961021/1002Z @:VE7ROB.#VANC.BC.CAN.NA #:36070 [Delta, BC] $:W0RLI26491
>#R:961021/0918Z @:VE7DIE.#SVI.BC.CAN.NA #:39736 [Victoria, BC] $:W0RLI26491
>#R:961021/0857Z @:KB7WE.#WWA.WA.USA.NA #:13431 [BREMERTON] $:W0RLI26491
>#R:961021/0829Z @:KB7CNN.#WWA.WA.USA.NA #:50570 [N.W.GATEWAY] $:W0RLI26491
>#R:961021/0753 @:WB7QEU.WA.USA.NA #:38462
>#R:961021/0040 @:W0RLI.OR.USA.NA #:26491
>#
>[snip]
>#Headers are:
>#R:961018/0726 @:KC7KFE.#SALEM.OR.USA.NA #:8908 B:12589_IW9CNZ
>#R:961018/0439 @:N7DXT.#NWOR.OR.USA.NA #:52273 B:1258_IW9CNZ
>#
>
Now lets have a "discussion" on whether B: or $: is the best way to
signify the BID/MID in the header HI HI HI !

```

---

## 264. Re: [BBSSIG:3570] FWD via Internet, not phone bbs

```

From: iabbs@mail.telepac.pt
Date: Mon, 28 Oct 1996 15:37:58 +0000
To: bbssig@tapr.org
Message-ID: <199610281617.QAA08942@mail.telepac.pt>
Rendered body type: text/plain

Hello, i also would like to make some fwd with you via the Internet.

My e-mail: iabbs@mail.telepac.pt

Best 73s from Miguel CT3IA.

```

---

## 265. Re: [BBSSIG:3703] Re: Multicasting....

```

From: n5pvl@texoma.net (Charles Brabham)
Date: Mon, 28 Oct 1996 10:59:33 -0600 (CST)
To: bbssig@tapr.org
Message-ID: <199610281659.KAA28477@mercury.texoma.net>
Rendered body type: text/plain

According to Dirk...

>I see that this hoary old subject has come round again. This is getting a
>bit like the morse code 'debate'.
>
>snip<
>
>It would therefore be a service to this sig if you don't know EXACTLY what
>we are talking about that you, at least, listen and learn before sounding
>off and saying "It's illegal" or "It can't be done" or "it's inefficient"
>and this time something might get done!
>
>73 Dirk G1TLH
>

I agree with most of what Dirk had to say in his posting. I don't agree that
questions and opinions should be left out of the discussion, though. Since
no-one currently operates a multicasting HF setup sucessfully, I'd say we
are running awfully short of "experts" to rely on. Talk is cheap.

I have heard a variety of schemes to implement multicasting, from a variety
of sources. Several of these folks could have gotten it to fly several times
over, if that was what they really wanted to do. In each case, they appeared
to know what they were talking about, and seemed to have a good grasp of
what was needed to get it done. As far as I can determine, though, none got
off their can and actually did anything practical to prove their ideas. I'd
be delighted to hear I am wrong about this.

In his posting, Dirk expressed concern at adverse reactions among the rank
'n file hams to multicasting... What I am much more concerned about is
actions of the "movers and shakers" who have been "talking up" multicasting
for such an extended period of time while managing to get absolutely nothing
accomplished.

Having heard the multicast "sales pitch" several times over without seeing
any actual evidence of it being tried, my attitude is:

"Gee, that sounds nice! When you get it working, be sure and let me know!"

I have a few reservations about multicast, but overall it looks very

```

promising and my feeling is that it deserves a fair shake. I think we will find out much more about multicast and it's usefulness after we get a few systems online. I'd much rather try to work the bugs out of an existing system than hear another round of discussion about something which is not even being tried.

Been there.. Done that.

73 DE Charles Brabham N5PVL  
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA  
E-Mail : n5pvl@texoma.com  
WWW : http://www.texoma.com/~n5pvl

---

## 266. Re: [BBSSIG:3696] Re: Multi-Casting a Definition

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 28 Oct 1996 09:32:31 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961028173231.0068ff08@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:44 AM 10/27/96 -0600, you wrote:  
>aa7ya@juno.com wrote:  
>>  
>> On Thu, 24 Oct 1996 06:41:49 -0500 (CDT) "Charles E. Gelm"  
>> <gelmc@erinet.com> writes:  
>>  
>> >Hank Oredson wrote:  
>> >[SNIP]  
>> >> You don't see it as complex, I do see it as complex. You want to  
>> >>sell these ideas, make them simple. And please stop using the  
>> >>adjective  
>> >> "expensive" with CLOVER unless you also use it with packet and TOR.  
>> >> The costs are similar, but less for TOR and CLOVER compared to  
>> >>packet becuase of the lower required S/N per bps.  
>> >>[SNIP]  
>> >  
>> > Hi, Hank:  
>> >  
>> > Would you give me examples or a chart comparison between CLOVER  
>> >>and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
>> >>TNC-2 clone would be hard to beat with a CLOVER setup, since the  
>> >>CLOVER interface costs about this much.  
>> >>  
>> >>Chuck  
>> >>nc8q  
>> >>  
>> >>  
>> Look in the latest QST.  
>>  
>> 73 de Stacey, AA7YA  
>> AA7YA @ AA7YA.#NEMT.MT.USA.NOAM  
>> aa7ya@juno.com  
>  
>Hi, Stacey:  
>  
> My latest is November 1996 and I didn't find anything about  
>clover. Would you pass along the issue and page number?  
>

Sure. Send me a message at home (w0rli@w0rli.or.usa.noam) which is where the QSTs are, and I'll be glad to take a quick look at the table of contents of the last two or three issues and tell you exactly which page and which illustrations you should look at. Of course you could probably look at the tables of contents yourself, in your last two or three copies, but what the heck, I'll be more than glad to do all that hard work for you!

To rephrase the above comments: are you really that lazy?

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

---

## 267. Re: [BBSSIG:3704] Re: RE WORLI BID CHECK

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 28 Oct 1996 12:12:51 -0700

To: bbssig@tapr.org  
Message-ID: <199610281912.MAA18757@acca.nmsu.edu>  
Rendered body type: text/plain

I am sure your right Chuck. The full message is full of sender and  
forwarer callsigns...:-)

At 07:05 AM 10/28/96 -0600, you wrote:  
>Phillip Conza wrote:  
><snip>  
>  
>> One will note that there is NOT a valid Callsign in the From field which  
shows  
>> that nearly all BBS software will except anything I just wonder if this is  
>> legal..  
>>  
>  
> I don't feel that a callsign in the from field is needed for legality.  
>  
>Chuck nc8q  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 268. Re: [BBSSIG:3703] Re: Multicasting....

From: cunninghamt@ccgate.genrad.com  
Date: Mon, 28 Oct 96 15:37:50 EST  
To: bbssig@tapr.org  
Message-ID: <9609288465.AA846549570@ccgate.genrad.com>  
Rendered body type: text/plain

Dirk,

Perhaps you could expand on your comment that you 'don't think that  
the PACSAT protocol fits in very well with ground based comms'. If  
there is something that it does not perform on the ground, then maybe  
we could build off this and begin to build a solution.

I have used the PACSAT Broadcast Protocol for some time as a SatGate  
BBS station and from what I have been hearing in the group, it is  
applicable in many ways to fit into the current terrestrial system  
using existing equipment. Hundreds of stations can simultaneously  
receive data in parallel without being connected to the server. In  
many cases, I can receive files without ever connecting to the PACSAT  
server, because somebody else requested the same files and my station  
captured them before it had to send a request. It certainly reduces  
the congestion dramatically, while increasing the efficiency of  
transferring data to the masses. In some cases, you may have received  
a portion of a file from somebody else's request, thus, the software  
will only request the portion that is missing since it keeps track of  
the missing holes. Rather than requesting the entire file, your  
station will only request the holes needed to fill what you have  
already captured. I can say that I have requested 1 Megabyte files  
and received them in a few seconds, because I captured all the data  
from other requests, but I was only missing a small hole out of the  
entire file. In this way, the software is very efficient.

In addition, you can selectively request files for download on a  
very selective basis with the equation file. The equation file  
is used to tag a file for a download request action.

The negative point could be that it requires a full duplex channel  
or 2 separate frequencies to utilize the current PACSAT protocol.  
That is, if you consider this to be a negative point (I don't). If  
it is, then it could be modified or altered to satisfy simplex  
frequency operation, but I think that would be moving the wrong  
direction if we are going to improve the efficiency of moving  
traffic.

For those wishing to read more about the PACSAT protocol please  
investigate the following sites:

[www.amsat.org](http://www.amsat.org)  
[ftp.amsat.org](http://ftp.amsat.org)

The following file gives very descriptive details about the  
PACSAT Broadcast protocol:

Regards,

Tim Cunningham - N8DEU  
n8deu@amsat.org

Reply Separator

---

Subject: [BBSSIG:3703] Re: Multicasting....  
Author: bbssig@tapr.org at CCGATE  
Date: 10/28/96 8:27 AM

I see that this hoary old subject has come round again. This is getting a bit like the morse code 'debate'.

1. Multicasting is legal (period); even in the US. If you want to be pedantic then call it group communications and then tell me what is the difference between that and a voice net (a voice net is in fact a very good model for a muticast protocol (see amoeba docs, Andrew S Tanenbaum et al)).

2. If you have a message that is to be sent to more than one place AND each of those places can work the sender, then it has been shown by many people, in many studies that it is MUCH more efficient to multicast. This is particularly true if you get the protocol correct. In essence you can show that, for a reasonable, network you can multicast to n stations with an average just over two messages (total) i.e. it takes just over two messages to reliably distribute a message to any number of stations on a reasonable network.

There is a fair amount of experimentation likely to be required to actually achieve this rate for HF (or other frequencies) as the figures refer to ethernet. But don't use that as an excuse not to try.

A number of people have come up with suitable protocols, including me, but the only one in daily use today is the PACSAT protocol. FBB doesn't count because it only multicasts the headers, not the whole packet itself. There is a rumour that the DPBOX people have somesort of protocol as well, but I have never seen it in use.

For what it is worth, I have written multicast protocols in my day job and might be persuaded to make something available, but I don't know how to shoehorn it into a tnc2 eprom.

I personally don't think that the PACSAT protocol fits in very well with ground based comms although I know it has been successfully used in that role.

And finally, I seem to remember that when this came up last time there was a lot of 'anti' traffic coming from one of the now proponents to multicasting, it would seem that the penny has dropped!

It would therefore be a service to this sig if you don't know EXACTLY what we are talking about that you, at least, listen and learn before sounding off and saying "It's illegal" or "It can't be done" or "it's inefficient" and this time something might get done!

73 Dirk G1TLH

---

## 269. Re: FORWARDING VIA TELEPHONE

From: aa7ya@juno.com  
Date: Mon, 28 Oct 1996 16:17:21 MST  
To: bbssig@tapr.org  
Message-ID: <19961028.211612.4319.4.aa7ya@juno.com>  
Rendered body type: text/plain

On Mon, 28 Oct 1996 00:05:12 -0600 (CST) bewhite@ibm.net writes:

> Multicasting as broadcasting could be overcome by having  
> "subscription lists".

What? Explain, I don't quite grasp this concept/view.

> 73  
> Barry VK2AAB @ VK2WI  
> bewhite@ibm.net

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 270. Re: [BBSSIG:3698] RE WORLI BID CHECK

From: aa7ya@juno.com  
Date: Mon, 28 Oct 1996 16:24:44 MST  
To: bbssig@tapr.org  
Message-ID: <19961028.211612.4319.5.aa7ya@juno.com>  
Rendered body type: text/plain

On Sun, 27 Oct 1996 19:11:05 -0600 (CST) Phillip Conza  
<phil@zl2tze.mlb.planet.gen.nz> writes:

> Hi,  
>  
> I don't know what others think of these totally useless BID CHECK  
> Bulletins but this one has to take the CAKE !!!

Did you receive any BIDCHK@WW on your system? If the  
answer is NO, then don't worry about it.

> One will note that there is NOT a valid Callsign in the From field  
> which shows that nearly all BBS software will except anything I  
> just wonder if this is legal..

Do you think a NON-CALL is illegal?, then SYSOP is illegal.  
I do presume that one can get a message from SYSOP  
for a variety of reasons.

>73 Phillip ZL2TZE  
>  
>---  
>Phillip Conza  
>AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC  
>E-Mail private phil@zl2tze.mlb.planet.gen.nz  
>  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 271. Re: [BBSSIG:3710] Re: Multicasting....

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 29 Oct 1996 02:42:40 -0700  
To: bbssig@tapr.org  
Message-ID: <199610290942.CAA13460@acca.nmsu.edu>  
Rendered body type: text/plain

At 04:38 PM 10/28/96 -0600, you wrote:

> Dirk,  
>  
>  
> Perhaps you could expand on your comment that you 'don't think that  
> the PACSAT protocol fits in very well with ground based comms'. If  
> there is something that it does not perform on the ground, then maybe  
> we could build off this and begin to build a solution.  
>  
> I have used the PACSAT Broadcast Protocol for some time as a SatGate  
> BBS station and from what I have been hearing in the group, it is  
> applicable in many ways to fit into the current terrestrial system  
> using existing equipment. Hundreds of stations can simultaneously

snip

Thank you Tim for a great message. There is nothing in this world  
that replaces information from a person who DOES IT!

And thank you for the pointer to the amsat document. I will get that ASAP.

And thank you for the info that PACSAT is run with 2 frequencies in full duplex. On HF we can't have full duplex because the sender can't hear while he is transmitting. So it must be modified a little in the terrestrial model.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 272. re: how2signify BID/MID ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 29 Oct 1996 08:07:17 -0800  
To: bbssig@tapr.org  
Message-ID: <32762BB5.2295@erinet.com>  
Rendered body type: text/plain

Paul Kearney wrote:

<snip>

> >#R:961021/0857Z @:KB7WE.#WWA.WA.USA.NA #:13431 [BREMERTON] \$:W0RLI26491  
> >#R:961021/0829Z @:KB7CNN.#WWA.WA.USA.NA #:50570 [N.W.GATEWAY] \$:W0RLI26491  
> >#R:961021/0753 @:WB7QEU.WA.USA.NA #:38462  
> >#R:961021/0040 @:W0RLI.OR.USA.NA #:26491  
> >#  
> >[snip]  
> >#Headers are:  
> >#R:961018/0726 @:KC7KFE.#SALEM.OR.USA.NA #:8908 B:12589\_IW9CNZ  
> >#R:961018/0439 @:N7DXT.#NWOR.OR.USA.NA #:52273 B:1258\_IW9CNZ  
> >#  
> >  
> Now lets have a "discussion" on whether B: or \$: is the best way to  
> signify the BID/MID in the header HI HI HI !

Hi, Paul Kearney:

My software, and all my neighbors softwares, send the BID/MID with the signature \$\*. I suggest that we signify the BID/MID in the headers with a token using the same character, '\$'. I vote for '\$:'

Chuck nc8q

---

## 273. Re: [BBSSIG:3708] Re: Multi-Casting a Definition

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 29 Oct 1996 08:30:16 -0800  
To: bbssig@tapr.org  
Message-ID: <32763118.646A@erinet.com>  
Rendered body type: text/plain

Hank Oredson wrote:

>  
> At 06:44 AM 10/27/96 -0600, you wrote:  
> >aa7ya@juno.com wrote:  
> >>  
> >> On Thu, 24 Oct 1996 06:41:49 -0500 (CDT) "Charles E. Gelm"  
> >> <gelmce@erinet.com> writes:  
> >>  
> >> >Hank Oredson wrote:  
> >> >[SNIP]  
> >> >> You don't see it as complex, I do see it as complex. You want to  
> >> >>sell these ideas, make them simple. And please stop using the  
> >> >>adjective  
> >> >>"expensive" with CLOVER unless you also use it with packet and TOR.  
> >> >>The costs are similar, but less for TOR and CLOVER compared to  
> >> >>packet becuase of the lower required S/N per bps.  
> >> >>[SNIP]  
> >> >  
> >> > Hi, Hank:  
> >> >  
> >> > Would you give me examples or a chart comparison between CLOVER  
> >> >and ax.25 packet. It seems to me that a \$200 50watt FM radio and  
> >> >TNC-2 clone would be hard to beat with a CLOVER setup, since the  
> >> >CLOVER interface costs about this much.  
> >> >?  
> >> >Chuck  
> >> >nc8q  
> >> >

```

> > >
> >
> > Look in the latest QST.
> >
> > 73 de Stacey, AA7YA
> > AA7YA @ AA7YA.#NEMT.MT.USA.NOAM
> > aa7ya@juno.com
> >
> >Hi, Stacey:
> >
> > My latest is November 1996 and I didn't find anything about
> >clover. Would you pass along the issue and page number?
> >
> >
> Sure. Send me a message at home (w0rli@w0rli.or.usa.noam) which
> is where the QSTs are, and I'll be glad to take a quick look
> at the table of contents of the last two or three issues and
> tell you exactly which page and which illustrations you should
> look at. Of course you could probably look at the tables of
> contents yourself, in your last two or three copies, but what
> the heck, I'll be more than glad to do all that hard work for you!
>
> To rephrase the above comments: are you really that lazy?
>
> Hank Oredson @ Mentor Graphics      Library Operations
> Internet      : hank_oredson@mentorg.com    "Parts 'R Us!"
> Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

```

Hi, Hank:

I am so unfamiliar with clover, that I probably would not recognize it if it was standing in front of me.

:~|

Chuck nc8q

---

## 274. Re: [BBSSIG:3710] Re: Multicasting....

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Tue, 29 Oct 1996 14:24:23 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610291418.C26223-0100000@uranus>  
Rendered body type: text/plain

On Mon, 28 Oct 1996 cunninghamt@ccgate.genrad.com wrote:

```

> I have used the PACSAT Broadcast Protocol for some time as a SatGate
> BBS station and from what I have been hearing in the group, it is
> applicable in many ways to fit into the current terrestrial system
> using existing equipment. Hundreds of stations can simultaneously
> receive data in parallel without being connected to the server. In
> many cases, I can receive files without ever connecting to the PACSAT
> server, because somebody else requested the same files and my station
> captured them before it had to send a request. It certainly reduces
> the congestion dramatically, while increasing the efficiency of
> transferring data to the masses. In some cases, you may have received
> a portion of a file from somebody else's request, thus, the software
> will only request the portion that is missing since it keeps track of
> the missing holes. Rather than requesting the entire file, your
> station will only request the holes needed to fill what you have
> already captured. I can say that I have requested 1 Megabyte files
> and received them in a few seconds, because I captured all the data
> from other requests, but I was only missing a small hole out of the
> entire file. In this way, the software is very efficient.
>

```

I share the same line of thinking about the efficiency of the PACSAT protocol.

```

> In addition, you can selectively request files for download on a
> very selective basis with the equation file. The equation file
> is used to tag a file for a download request action.
>

```

That is another advantage. I would add that there are several client software for DOS, Windows, Linux, and Mac, so we will not need to develop any application software at this moment. In the future when we decide to add things to the protocol there may be dedicated software for terrestrial use. But for now, reusability of the current software should be strongly considered in my point of view.





it.

Even though the sky-to-ground link is broadcast in nature, the ground-to-sky link is not. PACSAT "sees" many ground stations at one time. For this reason, a connected-mode, non broadcast file transfer method is also defined, and is described in the paper on "PACSAT File Transfer Level 0".

From this it's clear that what I see as necessary are present. I highlighted the fact that the basic ax.25 packet is modified to contain data necessary for a broadcast mode.

Now I ask W0RLI, Hank, can clover and the other "made for hf forwarding" hardware/software work with a modified ax.25 packet? It's clear it works fine with plain ax.25 but I don't know a thing about CLOVER or PACTOR.

I'll get more details on the packet makeup today when I continue to read this documentation. It is well written so it should go fast...:-)

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 276. Re: [BBSSIG:3717] Multicast data

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Tue, 29 Oct 1996 16:59:31 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610291626.D26223-0100000@uranus>  
Rendered body type: text/plain

On Tue, 29 Oct 1996, Karl F. Larsen wrote:

> Now I ask W0RLI, Hank, can clover and the other "made for hf  
> forwarding" hardware/software work with a modified ax.25 packet? It's clear  
> it works fine with plain ax.25 but I don't know a thing about CLOVER or PACTOR.  
>

Karl, the only difference between a plain ax.25 UI frame and an ax.25 PACSAT frame is the PID. 0xF0 for plain ax.25 and 0xBB for PACSAT. Anything else related to the PACSAT protocol is in the PACSAT frame header which is part of the DATA field of the ax.25 frame. This method is the same encapsulation method used by other protocols running over ax.25 such as NET/ROM, TCP/IP, etc.

-- Edson, N1VTN

---

## 277. Re: [BBSSIG:3714] re: how2signify BID/MID ?

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>  
Date: Tue, 29 Oct 1996 21:48:52 -0500 (EST)  
To: bbssig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <199610300318.VAA25724@tapr.org>  
Rendered body type: text/plain

At 07:09 AM 10/29/96 -0600, Charles E. Gelm wrote:

> My software, and all my neighbors softwares, send the BID/MID with the  
> signature \$\*. I suggest that we signify the BID/MID in the headers with  
> a token using the same character, '\$'. I vote for '\$:'

Well, my software can tell the difference between a BID and a MID, with "B:" and "M:", therefore, it is the obvious way to go. ;-)

73, de Bill, N3JIX

\*\*\*\*\*  
\* Bill Barnes, N3JIX \*  
\* Internet: n3jix@mail.csrlink.net \*  
\* WWW: <http://acwww.bloomu.edu/~wbarnes> \*  
\* Packet : n3jix@n3jix.col.pa.usa.noam \*  
\*\*\*\*\*

---

## 278. Re: [BBSSIG:3716] Re: Multicasting....

From: msc@usa1.com  
Date: Tue, 29 Oct 1996 20:13:39 -0500  
To: bbssig@tapr.org  
Message-ID: <3276ABC3.5314@usa1.com>  
Rendered body type: text/plain

Edson W. R. Pereira wrote:

>  
> On Mon, 28 Oct 1996 cunninghamt@ccgate.genrad.com wrote:

>  
> > I have used the PACSAT Broadcast Protocol for some time as a SatGate  
> > BBS station and from what I have been hearing in the group, it is  
> > applicable in many ways to fit into the current terrestrial system  
> > using existing equipment. Hundreds of stations can simultaneously  
> > receive data in parallel without being connected to the server. In  
> > many cases, I can receive files without ever connecting to the PACSAT  
> > server, because somebody else requested the same files and my station  
> > captured them before it had to send a request. It certainly reduces  
> > the congestion dramatically, while increasing the efficiency of  
> > transferring data to the masses. In some cases, you may have received  
> > a portion of a file from somebody else's request, thus, the software  
> > will only request the portion that is missing since it keeps track of  
> > the missing holes. Rather than requesting the entire file, your  
> > station will only request the holes needed to fill what you have  
> > already captured. I can say that I have requested 1 Megabyte files  
> > and received them in a few seconds, because I captured all the data  
> > from other requests, but I was only missing a small hole out of the  
> > entire file. In this way, the software is very efficient.  
> >  
>  
> I share the same line of thinking about the efficiency of the PACSAT  
> protocol.  
>  
> > In addition, you can selectively request files for download on a  
> > very selective basis with the equation file. The equation file  
> > is used to tag a file for a download request action.  
> >  
>  
> That is another advantage. I would add that there are several client  
> software for DOS, Windows, Linux, and Mac, so we will not need to  
> develop any application software at this moment. In the future when we  
> decide to add things to the protocol there may be dedicated software  
> for terrestrial use. But for now, reusability of the current software  
> should be strongly considered in my point of view.  
>  
> > The negative point could be that it requires a full duplex channel  
> > or 2 separate frequencies to utilize the current PACSAT protocol.  
> > That is, if you consider this to be a negative point (I don't). If  
> > it is, then it could be modified or altered to satisfy simplex  
> > frequency operation, but I think that would be moving the wrong  
> > direction if we are going to improve the efficiency of moving  
> > traffic.  
> >  
>  
> The PACSAT protocol also works very well in half-duplex. It depends on how  
> the server is implemented. If no manual requests are done by the client, all  
> transmissions from the client to the server will happen right after a PB:  
> frame or an OPEN: 12a frame. The key here in this case is how the request  
> windows are scheduled. If the server goes to RX mode right after the  
> "invitation for request" frames are sent, there is no problem. I have  
> tested this.  
>  
> I'm preparing the server prototype I have for an on-the-air test. I need  
> volunteers with HF capabilities.  
>  
> 73,  
>  
> Edson, N1VTN  
Edson what files do I need to download from Amsat.org ??  
Getting ss1966.zip, pb920430.zip and sl95107.zip as I send this...

Running f6fbb now with HF kiss ports, maybe these will share the ports  
with fbb ???

Mike wg1i

## 279. Re: [BBSSIG:3712] Re: RE WORLI BID CHECK

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>  
Date: Wed, 30 Oct 1996 08:44:24 +1200  
To: bbssig@tapr.org  
Message-ID: <3277f0ad.z12tze@z12tze.mlb.planet.gen.nz>  
Rendered body type: text/plain

Hi Stacey and others,

I stated that the BIDCHK, BADBID messages have no valid " FROM" callsign  
since when has BADBID or BIDCHK been approved by any country as a Valid

Amateur Callsign ??

I believe that the messages are made up of 3 Fields

TO @ FROM and I also believe that if a BBS is sending out bulletins it SHOULD have the Correct Callsign in the FROM Field.. and not some thought up one ..

The from field is to Identify who it is FROM , WHO is BIDGCK licened to and what country ..

I see and I get SYSOP messages but I don't see SYSOP @ WW from SYSOP ..

I see thousands of bulletins a week and the BIDCHK, BADBID bulletins are the only ones not carrying the from field Valid callsign ..

73 Phillip ZL2TZE

--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

---

## 280. Re: [BBSSIG:3718] Re: Multicast data

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 29 Oct 1996 14:31:30 -0700  
To: bbssig@tapr.org  
Message-ID: <199610292131.0AA01421@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:05 AM 10/29/96 -0600, you wrote:

>

>

>On Tue, 29 Oct 1996, Karl F. Larsen wrote:

>

>> Now I ask W0RLI, Hank, can clover and the other "made for hf  
>> forwarding" hardware/software work with a modified ax.25 packet? It's clear  
>> it works fine with plain ax.25 but I don't know a thing about CLOVER or  
PACTOR.

>>

>

>Karl, the only difference between a plain ax.25 UI frame and an ax.25  
>PACSAT frame is the PID. 0xF0 for plain ax.25 and 0xBB for PACSAT.  
>Anything else related to the PACSAT protocol is in the PACSAT frame  
>header which is part of the DATA field of the ax.25 frame. This method is  
>the same encapsulation method used by other protocols running over ax.25  
>such as NET/ROM, TCP/IP, etc.

Great Edson, that means a listener can pick out the pacsat UI frames from all others on the channel. But since CLOVER is a computer card it can also do major things to the packet and I want to understand if possible how pacsat can inhance the performance of CLOVER.

73 de karl k5di

>

>

>-- Edson, N1VTN

>

>

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 281. F6CNB is Back!

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 29 Oct 1996 14:05:25 -0700  
To: bbssig@tapr.org  
Message-ID: <199610292105.0AA29730@acca.nmsu.edu>  
Rendered body type: text/plain

Pleased to report that Remi is back as a packet radio BBS! He has been gone about a month and I was sure he was off the air. At this moment I am getting forwards from him via the Gateways.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 282. Re: [BBSSIG:3721] Re: RE WORLI BID CHECK

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Wed, 30 Oct 1996 00:59:01 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961030001449.22830A-100000@crl4.crl.com>  
Rendered body type: text/plain

Geezzz I can't believe this furor over some interpretation of the "rules".

The FROM field of a message is purely that - the identity of the person or thing that originated the message. It's just a "signature"; it IS NOT the required identification of an RF transmitting station (at least in the US).

I have "discussed" this point with many folks and there seems to be rampant confusion between the (US rules) requirement to identify one's radio frequency transmissions and the identification of the originator of an email message. We have customarily come to accept the fact that most BBS software captures an incoming connected station's MYCALL (which is used for ID purposes) and automatically pokes it into the FROM field on the outgoing message. This is fine but one has to realize that it is not a REQUIREMENT. I could reconfigure my BBS software to insert the first name of the connected station into the FROM field just as easily and I (nor the connected user) would be violating no rules nor regulations. (I will agree that if I have more than one "Robert" as a BBS user that there could be great confusion with responses to their messages - HI! I only argue a technical point here!)

Whenever I challenge some hip-shooter to cite me the rule that requires a "valid callsign" be contained in the FROM field of a packet message I get referred to paragraph 97.119 (US rules) which has to do with station identification of radio frequency transmissions. There are some folks that cannot seem to differentiate between a requirement to ID one's transmitter and the origination "signature" on a message. In the US there are no legal requirements on the content of a message's FROM field - if you think there are I'd like to have a citation to the appropriate paragraph.

Server messages are originated by SERVER PROGRAMS - if the SYSOP wants to avoid this tempest-in-a-teapot issue he configures his server to enter his callsign in the FROM field instead of the REAL originator, the SERVER. This avoids shedding light on the real problem which is individual (mis-)interpretation of the regulations (IMHO).

Each SYSOP has to interpret the rules as he sees them and configure his system to conform to those rules - that's his/her privilege. The problem arises when an interpretation interferes with the handling of a legitimate packet message. If a user of a different BBS desires to query my callbook feature and my server is configured to generate a reply addressed from "CALLBK" the response shows up at the remote BBS and is properly identified as coming from "CALLBK @ K3WGF". That is 100% accurate and legal!

There may be rules in other countrys that specifically REQUIRE a "valid callsign" (which, by the way, is impossible to validate anyway) to be conveyed in the FROM field of a message - I argue interpretation of the rules that apply to me in the US and can't speak for others.

73,  
CLARKE

AKA K3WGF on the RF byways....

---

## 283. Re: RE WORLI BID CHECK

From: aa7ya@juno.com  
Date: Wed, 30 Oct 1996 03:45:23 MST  
To: bbssig@tapr.org  
Message-ID: <19961030.034509.5383.6.aa7ya@juno.com>  
Rendered body type: text/plain

On Tue, 29 Oct 1996 21:51:44 -0600 (CST) Phillip Conza  
<phil@z12tze.mlb.planet.gen.nz> writes:

> Hi Stacey and others,  
>  
> I stated that the BIDCHK, BADBID messages have no valid "FROM"  
> callsign  
> since when has BADBID or BIDCHK been approved by any country as a  
> Valid  
> Amateur Callsign ??

All I saw was R-Headers and no indication who it was from, and most if not all had no BID field in them anyway. So, your original message really didn't solve/prove anything.

>I believe that the messages are made up of 3 Fields  
>  
>TO @ FROM and I also believe that if a BBS is sending out

That is only 2 fields \_TO\_ and \_FROM\_, where is this third field you mention?

> I see thousands of bulletins a week and the BIDCHK, BADBID bulletins  
> are the only ones not carrying the from field Valid callsign ..

If there not addressed to your call, don't worry about it.

>  
>73 Phillip ZL2TZE  
>  
>--  
>Phillip Conza  
>AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC  
>E-Mail private phil@zl2tze.mlb.planet.gen.nz

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 284. Re: RE WORLI BID CHECK

From: aa7ya@juno.com  
Date: Wed, 30 Oct 1996 04:11:09 MST  
To: bbssig@tapr.org  
Message-ID: <19961030.041052.5383.7.aa7ya@juno.com>  
Rendered body type: text/plain

On Tue, 29 Oct 1996 21:51:44 -0600 (CST) Phillip Conza  
<phil@zl2tze.mlb.planet.gen.nz> writes:

Just thought I would toss this in.....

>Hi Stacey and others,  
>  
>I stated that the BIDCHK, BADBID messages have no valid " FROM"  
>callsign  
>since when has BADBID or BIDCHK been approved by any country as a  
>Valid  
>Amateur Callsign ??

OK, well then I guess you must think that sending TO  
SYSOP @ WW, or @ USA, etc., is illegal, since it is  
sent to a non valid callsign? If you do, then you have  
too much time on your hands, Phil.

Since alot of DUPES have been occuring in record  
numbers, and Hank decided to do something  
about it, does it give any nay-sayer the right to  
discredit Hank's service to the packet world?

So what if it all the BIDCHK messages go out to the  
world and clog the networks up! Remember this,  
the Internet forwarders said that they forward on  
the Internet, because with the volume of packet mail  
that is out there, the Internet can handle it!

I say, quit your whining.... No one has come forward to  
say that there is too much of this and too much of  
that, when it comes to packet mail, until there was  
BIDCHK.

If the BBS software won't corrupt BID's then you have  
no problems, if the SYSOP of the BBS corrupts BID's  
intentionally, then you are the perveyour of the  
whole problem in the first place, and everyone will  
route around you.

To sum it up, either play by the rules or play  
somewhere else, because the packet community  
will not tolerate BID hackers.

>73 Phillip ZL2TZE  
>  
>--  
>Phillip Conza  
>AX25                      ZL2TZE @ ZL2TZE.#73.NZL.OC  
>E-Mail private           phil@zl2tze.mlb.planet.gen.nz  
>  
>  
  
73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com  
Box 83   Whitetail, Montana 59276   (406) 779-3641

---

## 285. Re: Multicasting....

From: Dirk-Jan Koopman <djk@tobit.co.uk>  
Date: Wed, 30 Oct 1996 14:32:51 +0000 (GMT)  
To: bbssig@tapr.org  
Message-ID: <Pine.LNX.3.93.961030135321.13097A-100000@dirku.tobit.co.uk>  
Rendered body type: text/plain

>  
>       Perhaps you could expand on your comment that you 'don't think that  
> the PACSAT protocol fits in very well with ground based comms'. If  
> there is something that it does not perform on the ground, then maybe  
> we could build off this and begin to build a solution.  
>

Good. I agree.

>       I have used the PACSAT Broadcast Protocol for some time as a SatGate  
> BBS station and from what I have been hearing in the group, it is  
> applicable in many ways to fit into the current terrestrial system  
> using existing equipment. Hundreds of stations can simultaneously  
> receive data in parallel without being connected to the server. In  
> many cases, I can receive files without ever connecting to the PACSAT  
> server, because somebody else requested the same files and my station  
> captured them before it had to send a request. It certainly reduces  
> the congestion dramatically, while increasing the efficiency of  
> transferring data to the masses. In some cases, you may have received  
> a portion of a file from somebody else's request, thus, the software  
> will only request the portion that is missing since it keeps track of  
> the missing holes. Rather than requesting the entire file, your  
> station will only request the holes needed to fill what you have  
> already captured. I can say that I have requested 1 Megabyte files  
> and received them in a few seconds, because I captured all the data  
> from other requests, but I was only missing a small hole out of the  
> entire file. In this way, the software is very efficient.  
>

This starts to illustrate some of the disadvantages. One of the complaints that is frequently voiced outside of Packet is that the only thing people think of (on packet) is BBSes. If all that you want to do is shift files then the PACSAT protocol, whilst over the top in implementation, is a perfectly adequate model. The problem is that there are several good applications which tend to get ignored which are not file transfer oriented such as DX Cluster notification, Chat servers etc - all these things are better served using what I shall call Group Communication (GC) (rather than Multicast which is really just one mechanism for doing GC).

There are other things which could be done with GC such distributed databases, process migration, the list is nearly endless. None of these is remotely FILE based and thus the PACSAT model is not, directly, applicable.

Your comments about holes being filled is exactly the point about a GC protocol, this is part of what it is about. But we should not get bogged down in looking at file transfer. The PACSAT implementation is capable of being modified easily so that it works on top of a generic GC protocol.

If you would like further criticisms, they centre on the some of the assumptions of the protocol about filenames. As you are obviously aware the filename, or handle by which a file is distinguished on board a satellite, is essentially a number. This number works fine in the context of a very few originating stations or BBSes (or satellites), but is doesn't scale well on the ground - who, what or how issues filenames, how does this filename (however generated) correspond with a message, is a message a file?

In days of G8UFQ (the first person that I know was doing experiments on GC (a couple of years before PACSAT) tried to solve this problem by passing the bid thru a one way function (actually a CRC 32) to try to get a fairly unique ident, but this didn't prove to be adequate. Even Tanenbaum (Modern Operating Systems etc) is finding that a 56bit 'capability' as he calls it isn't enough if the network is big enough (and ours is BIG by his standards)

In conclusion, yes we need GC, we needed it years ago, but Harold, Jeoff and I (G8UFQ is unfortunately deceased, but I believe him to be a pioneer in this area ) appear to have been crying in the wilderness, but maybe this time it will be alright - but only if we get it right.

In the meantime can I commend to you some of the papers on GC which you will find on:-

<http://www.am.cs.vu.nl/>

You won't get any source unless you are really an educational establishment. But the papers themselves are compelling evidence of the effectiveness of properly implemented GC.

As an aside it could be implemented over AX25 a lot easier than AX25 itself (as UI frames)

```
>      In addition, you can selectively request
files for download on
a >      very selective basis with the equation file. The equation file
>      is used to tag a file for a download request action.
>
>      The negative point could be that it requires a full duplex channel
>      or 2 separate frequencies to utilize the current PACSAT protocol.
>      That is, if you consider this to be a negative point (I don't). If
>      it is, then it could be modified or altered to satisfy simplex
>      frequency operation, but I think that would be moving the wrong
>      direction if we are going to improve the efficiency of moving
>      traffic.
>
```

There is nothing in a decent GC protocol which precludes it running half-duplex, in fact you could argue that the protocol is inherently asynchronous and thus would fit well with amateur use.

Give me the tnc2 source and a couple of weeks and I could hack you something together. The problem I suspect will be what to leave out to make room. I would stick in selective reject on ax25 at the same time!

Regards

Dirk G1TLH

---

## 286. Re: [BBSSIG:3725] Re: RE WORLI BID CHECK

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Wed, 30 Oct 1996 20:34:06  
To: bbssig@tapr.org  
Message-ID: <226@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

I have a couple of observations on the BIDCHK facility.

```
>> I stated that the BIDCHK, BADBID messages have no valid " FROM"
>> callsign
>> since when has BADBID or BIDCHK been approved by any country as a
>> Valid
>> Amateur Callsign ??
```

While there may be no requirement for messages to have a callsign in the FROM field, it is in my opinion clearer if the callsign is used. After all, is it really logical to have both, TO and FROM addresses the same!

| Msg #  | TSDL | Size | To        | @ BBS  | From   | Date       | Subject       |
|--------|------|------|-----------|--------|--------|------------|---------------|
| 570962 | B\$  | 1833 | CHKBID@WW | CHKBID | 27-Oct | BID Change | Notification. |



While looking at some of the recently circulated BIDCHK bulletins it is obvious that some system has been changing the address of stations in the United Kingdom.

```
>From      : CHGBID
To         : CHGBID@WW
Type/status : B$
Date/time  : 27-Oct/00:40
Bid (Mid)  : W0RLI28767
Message #   : 570926
Title      : BID Change Notification.
R:961029/2259Z @:GB7WAR.#29.GBR.EU #:8124 [Warwick] $:W0RLI28767
R:961029/2251Z @:GB7COV.#29.GBR.EU #:48280 [Coventry-local] $:W0RLI28767
R:961029/2248Z @:GB7COV.#29.GBR.EU #:22548 [Coventry] $:W0RLI28767
R:961029/2145Z @:GB7BHM.#29.GBR.EU #:64941 [Wedgesbury] FBB5.15c $:W0RLI28767
R:961029/0803Z @:GB7PMB.#28.GBR.EU #:18368 [Minsterley] $:W0RLI28767
R:961029/0107Z @:PI8VNW.#ZH2.NLD.EU #:32191 [Hoek v Holland] FBB5.15c
R:961029/0056Z @:PI8WFL.#NH1.NLD.EU #:49786 [Enkhuizen] $:W0RLI28767
R:961029/0049Z @:PI8GCB.#NH2.NLD.EU #:56525 [Bussum] $:W0RLI28767
R:961029/0046Z @:PI8ZAA.#NB0.NLD.EU #:14995 [Best] $:W0RLI28767
R:961029/0039Z @:PI8HNB.#NBW.NLD.EU #:44261 [Breda] FBB5.15c $:W0RLI28767
R:961029/0034Z @:ON6AR.#AN.BEL.EU #:18105 [Antwerpen] FBB5.15c $:W0RLI28767
R:961028/2111Z @:F6CNB.#SETX.TX.USA.NOAM #:23194 [SUGARLAND] FBB7.00a
R:961028/2034Z @:PU3DTA.RS.BRA.SA #:10666 [Infobahn GF49kx] $:W0RLI28767
R:961027/0330Z 38515@VE7ROB.#VANC.BC.CAN.NOAM [Delta, BC] $:W0RLI28767
R:961027/0111Z @:VE7DIE.#SVI.BC.CAN.NOAM #:42013 [Victoria, BC] $:W0RLI28767
R:961027/0051Z @:KB7WE.#WWA.WA.USA.NOAM #:15610 [BREMERTON] $:W0RLI28767
R:961027/0051Z @:KB7CNN.#WWA.WA.USA.NOAM #:52744 [N.W.GATEWAY] $:W0RLI28767
R:961027/0043 17165@N7QDN.#PDX.OR.USA.NOAM B:W0RLI28767
R:961027/0040 28767@W0RLI.OR.USA.NOAM
```

The following information is provided to assist you and your forwarding partners locate the cause of the problem and correct it. Hope this info helps you.

```
-----
Between 476827@GB7AVM and 40160@GB7LWB
the BID was changed from 23284_GB7DON to 23284_B7DON
Headers are:
R:961025/2303 40160@GB7LWB.#27.GBR.EURO $:23284_B7DON
               ^^^^^^^^^^^^^^^^^^^^^^^^^
R:961022/2248 476827@GB7AVM.#49.GBR.EURO $:23284_GB7DON
               ^^^^^^^^^^^^^^^^^^^^^^^^^
```

[ BIDCHK Version 1.0 by W0RLI ]

===== End of message #570926 =====

```
>From      : CHKBID
To         : CHKBID@WW
Type/status : B$
Date/time  : 27-Oct/01:43
Bid (Mid)  : WA7EES58700
Message #   : 570956
Title      : BID Change Notification.
R:961029/2325Z @:GB7PZT.#24.GBR.EU [Kidderminster] #:300
R:961029/2325Z @:GB7MAX.#28.GBR.EU #:23617 [I082V0]$:WA7EES58700
R:961029/2147Z @:GB7BHM.#29.GBR.EU #:64951 [Wedgesbury] FBB5.15c $:WA7EES58700
R:961029/0804Z @:GB7PMB.#28.GBR.EU #:18377 [Minsterley] $:WA7EES58700
R:961029/0135Z @:PI8VNW.#ZH2.NLD.EU #:32210 [Hoek v Holland] FBB5.15c
R:961029/0125Z @:PI8WFL.#NH1.NLD.EU #:49801 [Enkhuizen] $:WA7EES58700
R:961029/0052Z @:PI8GCB.#NH2.NLD.EU #:56531 [Bussum] $:WA7EES58700
R:961029/0046Z @:PI8ZAA.#NB0.NLD.EU #:14999 [Best] $:WA7EES58700
R:961029/0040Z @:PI8HNB.#NBW.NLD.EU #:44264 [Breda] FBB5.15c $:WA7EES58700
R:961029/0035Z @:ON6AR.#AN.BEL.EU #:18108 [Antwerpen] FBB5.15c $:WA7EES58700
R:961028/2117Z @:F6CNB.#SETX.TX.USA.NOAM #:23198 [SUGARLAND] FBB7.00a
R:961028/2038Z @:PU3DTA.RS.BRA.SA #:10675 [Infobahn GF49kx] $:WA7EES58700
R:961027/0340Z 38526@VE7ROB.#VANC.BC.CAN.NOAM [Delta, BC] $:WA7EES58700
R:961027/0232Z @:VE7DIE.#SVI.BC.CAN.NOAM #:42040 [Victoria, BC] $:WA7EES58700
R:961027/0221Z @:KB7WE.#WWA.WA.USA.NOAM #:15634 [BREMERTON] $:WA7EES58700
R:961027/0215Z @:KB7CNN.#WWA.WA.USA.NOAM #:52773 [N.W.GATEWAY] $:WA7EES58700
R:961027/0207 17188@N7QDN.#PDX.OR.USA.NOAM B:WA7EES58700
R:961027/0206 8383@KA7AGH.OR.USA.NOAM
R:961027/0204 28820@W0RLI.OR.USA.NOAM B:WA7EES58700
R:961027/0206 32249@K7IQI.OR.USA.NOAM B:WA7EES58700
R:961027/0143 58700@WA7EES.#NWOR.OR.USA.NOAM
```

The following information is provided to assist you



I am sure that you may see a different side of things..

> I say, quit your whining.... No one has come forward to  
> say that there is too much of this and too much of  
> that, when it comes to packet mail, until there was  
> BIDCHK.

Oh Yes they have many a Sysop has complained about it !!

> To sum it up, either play by the rules or play  
> somewhere else, because the packet community  
> will not tolerate BID hackers.

Whos Rules ???

If the rules are what you say they are then it may be time for the SYSOPs around the world to re write them on a GLOBAL effort and not have the few self centered SYSOPs Force these changes ..

Remembering that Amateur Radio is a GLOBAL thing and not just centered around the USA ..

### Clarke K3WGF wrote

# The FROM field of a message is purely that - the identity of the person  
# or thing that originated the message. It's just a "signature"; it IS NOT  
# the required identification of an RF transmitting station (at least in the  
# US).

So now you are saying that any BBS can send BBS generated mail under any callsign that the BBS SYSOP feels like using.. Rubbish !!!  
As I understand it The BBS or Server is run under that persons licence and if that BBS has callsign ABX13X then that is what should be in the FROM Field not some callsign plucked out of the SKY..

This has been the World Standard since Packet Radio started is the selected few now trying to rewrite the standard to suit themselves ???

Read ARRL Publication " Your Gateway to Packet Radio" by Stan Horzepa, WA1LOU page 10-12 chapter 10

# If a user of a different BBS desires to query  
# my callbook feature and my server is configured to generate a reply  
# addressed from "CALLBK" the response shows up at the remote BBS and is  
# properly identified as coming from "CALLBK @ K3WGF". That is 100%  
# accurate and legal!

Yep your are 100% correct here and you have also made it quite clear where it has come FROM K3WGF not FROM CALLBK @ CALLBK

A server message is generated by a Licenced Operators BBS and should as you have pointed out carry the FROM callsign of that licenced BBS

REQQTH, LISTSERV, REQCFG, REQDIR, REQFIL, when used all carry the FROM callsign as the callsign of the system used .. not the server

# There may be rules in other countrys that specifically REQUIRE a "valid  
# callsign" (which, by the way, is impossible to validate anyway) to be  
# conveyed in the FROM field of a message - I argue interpretation of the  
# rules that apply to me in the US and can't speak for others.

Yep Right again so why try and force on others what you feel is correct keep the BIDCHK @ WW from BIDCHK in the USA until you are 100% sure that they are not in violation of some other countries Regulations.

Many Sysops around the world have voiced their concern are you not listening .

# 73 Clarke K3WGF

At the end of the day WE are all to Blame for this BID SWAPPING etc, why you ask, well if those that where close to those that where causing these acted when the FIRST one was seen then this would never have been allowed to carry on .. Shutting the Gate after the horse has bolted is NO GOOD ..

Next Time some one tells the SIG of a problem that appears to be raising its ugly head don't FIRE all the RUBBISH at him/them saying you don't have to read it , we don't have that much here etc etc ... You know what I mean.. get in find it and STAMP it out then NOT 5 years later etc..

The FIRST step is M\_FILTERs most BBS software has various FILTERs .Configure them and set them up .. If this was done at day ONE we would have a network we could be proud of ..

At the moment we have a WW Network that appears to be in disaray with a list of various problems from BID changing to @ Field problems, porno pictures etc etc.

Now instead of BASHING each other get back to the accepted standard and lets all get together and make a concerted effort to clean our GLOBAL Network up..

If you feel this is not the way to do things then I would suggest that you close up you BBS and become a user..

73 Phillip ZL2TZE

--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

---

## 288. Re: RE WORLI BID CHECK

From: aa7ya@juno.com  
Date: Wed, 30 Oct 1996 19:50:04 MST  
To: bbssig@tapr.org  
Message-ID: <19961031.015640.5383.1.aa7ya@juno.com>  
Rendered body type: text/plain

On Wed, 30 Oct 1996 14:37:17 -0600 (CST) Brian Jones  
<bajones@larkhill.win-uk.net> writes:

>Greetings

>

> I have a couple of observations on the BIDCHK facility.

>

>>> I stated that the BIDCHK, BADBID messages have no valid " FROM"

>>> callsign

>>> since when has BADBID or BIDCHK been approved by any country as a

>>> Valid

>>> Amateur Callsign ??

>

> While there may be no requirement for messages to have a callsign

>in the FROM field, it is in my opinion clearer if the callsign is

>used. After all, is it really logical to have both, TO and FROM

>addresses the same!

>

>Msg # TSDL Size To @ BBS From Date Subject

>=====

>570962 B\$ 1833 CHKBID@WW CHKBID 27-Oct BID Change Notification.

>=====

>

> While looking at some of the recently circulated BIDCHK bulletins

>it is obvious that some system has been changing the address of

>stations in the United Kingdom.

>

>>From : CHGBID

>To : CHGBID@WW

Should this be CHKBID instead of CHGBID? Looks like  
someone has changed that before it arrived there.

>Type/status : B\$

>Date/time : 27-Oct/00:40

>Bid (Mid) : W0RLI28767

>Message # : 570926

>Title : BID Change Notification.

>R:961029/2259Z @:GB7WAR.#29.GBR.EU #:8124 [Warwick] \$:W0RLI28767

>R:961029/2251Z @:GB7COV.#29.GBR.EU #:48280 [Coventry-local]

>\$:W0RLI28767

>R:961029/2248Z @:GB7COV.#29.GBR.EU #:22548 [Coventry] \$:W0RLI28767

>R:961029/2145Z @:GB7BHM.#29.GBR.EU #:64941 [Wednesbury] FBB5.15c

>\$:W0RLI28767

>R:961029/0803Z @:GB7PMB.#28.GBR.EU #:18368 [Minsterley] \$:W0RLI28767

>R:961029/0107Z @:PI8VNW.#ZH2.NLD.EU #:32191 [Hoek v Holland] FBB5.15c

>R:961029/0056Z @:PI8WFL.#NH1.NLD.EU #:49786 [Enkhuizen] \$:W0RLI28767

>R:961029/0049Z @:PI8GCB.#NH2.NLD.EU #:56525 [Bussum] \$:W0RLI28767

>R:961029/0046Z @:PI8ZAA.#NBO.NLD.EU #:14995 [Best] \$:W0RLI28767

>R:961029/0039Z @:PI8HWB.#NBW.NLD.EU #:44261 [Breda] FBB5.15c

```
>$:W0RLI28767
>R:961029/0034Z @:ON6AR.#AN.BEL.EU #:18105 [Antwerpen] FBB5.15c
>$:W0RLI28767
>R:961028/2111Z @:F6CNB.#SETX.TX.USA.NOAM #:23194 [SUGARLAND] FBB7.00a
>R:961028/2034Z @:PU3DTA.RS.BRA.SA #:10666 [Infobahn GF49kx]
>$:W0RLI28767
>R:961027/0330Z 38515@VE7ROB.#VANC.BC.CAN.NOAM [Delta, BC] $:W0RLI28767
>R:961027/0111Z @:VE7DIE.#SVI.BC.CAN.NOAM #:42013 [Victoria, BC]
>$:W0RLI28767
>R:961027/0051Z @:KB7WE.#WWA.WA.USA.NOAM #:15610 [BREMERTON]
>$:W0RLI28767
>R:961027/0051Z @:KB7CNN.#WWA.WA.USA.NOAM #:52744 [N.W.GATEWAY]
>$:W0RLI28767
>R:961027/0043 17165@N7QDN.#PDX.OR.USA.NOAM B:W0RLI28767
>R:961027/0040 28767@W0RLI.OR.USA.NOAM
>
>The following information is provided to assist you
>and your forwarding partners locate the cause of the
>problem and correct it. Hope this info helps you.
>-----
>Between 476827@GB7AVM and 40160@GB7LWB
>the BID was changed from 23284_GB7DON to 23284_B7DON
>Headers are:
>R:961025/2303 40160@GB7LWB.#27.GBR.EURO $:23284_B7DON
>          ^^^^^^^^^^^^^^^^^^
>R:961022/2248 476827@GB7AVM.#49.GBR.EURO $:23284_GB7DON
>          ^^^^^^^^^^^^^^^^^^
>
>[ BIDCHK Version 1.0 by W0RLI ]
>
>          ===== End of message #570926 =====
>
>
>>From      : CHKBID
>To         : CHKBID@WW
>Type/status : B$
>Date/time  : 27-Oct/01:43
>Bid (Mid)  : WA7EES58700
>Message #   : 570956
>Title      : BID Change Notification.
>R:961029/2325Z @:GB7PZT.#24.GBR.EU [Kidderminster] #:300
>R:961029/2325Z @:GB7MAX.#28.GBR.EU #:23617 [IO82V0]$:WA7EES58700
>R:961029/2147Z @:GB7BHM.#29.GBR.EU #:64951 [Wednesbury] FBB5.15c
>$:WA7EES58700
>R:961029/0804Z @:GB7PMB.#28.GBR.EU #:18377 [Minsterley] $:WA7EES58700
>R:961029/0135Z @:PI8VNW.#ZH2.NLD.EU #:32210 [Hoek v Holland] FBB5.15c
>R:961029/0125Z @:PI8WFL.#NH1.NLD.EU #:49801 [Enkhuisen] $:WA7EES58700
>R:961029/0052Z @:PI8GCB.#NH2.NLD.EU #:56531 [Bussum] $:WA7EES58700
>R:961029/0046Z @:PI8ZAA.#NBO.NLD.EU #:14999 [Best] $:WA7EES58700
>R:961029/0040Z @:PI8HWB.#NBW.NLD.EU #:44264 [Breda] FBB5.15c
>$:WA7EES58700
>R:961029/0035Z @:ON6AR.#AN.BEL.EU #:18108 [Antwerpen] FBB5.15c
>$:WA7EES58700
>R:961028/2117Z @:F6CNB.#SETX.TX.USA.NOAM #:23198 [SUGARLAND] FBB7.00a
>R:961028/2038Z @:PU3DTA.RS.BRA.SA #:10675 [Infobahn GF49kx]
>$:WA7EES58700
>R:961027/0340Z 38526@VE7ROB.#VANC.BC.CAN.NOAM [Delta, BC]
>$:WA7EES58700
>R:961027/0232Z @:VE7DIE.#SVI.BC.CAN.NOAM #:42040 [Victoria, BC]
>$:WA7EES58700
>R:961027/0221Z @:KB7WE.#WWA.WA.USA.NOAM #:15634 [BREMERTON]
>$:WA7EES58700
>R:961027/0215Z @:KB7CNN.#WWA.WA.USA.NOAM #:52773 [N.W.GATEWAY]
>$:WA7EES58700
>R:961027/0207 17188@N7QDN.#PDX.OR.USA.NOAM B:WA7EES58700
>R:961027/0206 8383@KA7AGH.OR.USA.NOAM
>R:961027/0204 28820@W0RLI.OR.USA.NOAM B:WA7EES58700
>R:961027/0206 32249@K7IQI.OR.USA.NOAM B:WA7EES58700
>R:961027/0143 58700@WA7EES.#NWOR.OR.USA.NOAM
>
>The following information is provided to assist you
>and your forwarding partners locate the cause of the
>problem and correct it. Hope this info helps you.
>-----
>Between 476827@GB7AVM and 40160@GB7LWB
>the BID was changed from 23284_GB7DON to 23284_B7DON
>Headers are:
>R:961025/2303 40160@GB7LWB.#27.GBR.EU $:23284_B7DON
>          ^^^^^^^^^^^^^^^^^^
```



>> To sum it up, either play by the rules or play  
>> somewhere else, because the packet community  
>> will not tolerate BID hackers.  
>  
>Whos Rules ???

I am sure there are quite a few that would agree, do you  
agree with the following?....

- Do not tamper with BID's, or everyone will route  
around you.
- Run your BBS with a working forward script, or  
you run the chance of sending bulletins where  
they don't belong.

This set of rules isn't just the in the US, it is recognized  
GLOBALLY among the packet networks, not by some  
outfit like, ARRL, FCC, Ministry of Communications, etc.

>So now you are saying that any BBS can send BBS generated mail under  
>any callsign that the BBS SYSOP feels like using.. Rubbish !!!  
>As I understand it The BBS or Server is run under that persons licence  
>and if that BBS has callsign ABX13X then that is what should be in the  
>FROM Field not some callsign plucked out of the SKY..

BIDCHK is not a callsign, it is a server.

>This has been the World Standard since Packet Radio started is the  
>selected few now trying to rewrite the standard to suit themselves ???

These are known as "BID hackers", and "Address changers".  
An old song played louder and louder each time around.

>The FIRST step is M\_FILTERs most BBS software has various FILTERs  
>.Configure them and set them up .. If this was done at day ONE we would  
have a  
>network we could be proud of ..

Ohh, network censorship, which won't alleviate the problem, since  
the BIDCHK alerts of changed BID's and where they have changed,  
does this not help? Then the US should do away with @CANADA,  
@WW, and @USW (Western US).... Boy, it would be pretty BORING!!!

>If you feel this is not the way to do things then I would suggest that  
>you close up you BBS and become a user..

OK, let's see, censorship, BID tampering, address changing...  
Nope, don't do it here.... How 'bout it, Phil? Are you playing  
by the rules?

>  
>73 Phillip ZL2TZE  
> --  
>Phillip Conza  
>AX25                    ZL2TZE @ ZL2TZE.#73.NZL.OC  
>E-Mail private        phil@zl2tze.mlb.planet.gen.nz  
>  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 290. Re: RE WORLI BID CHECK

From: aa7ya@juno.com  
Date: Thu, 31 Oct 1996 03:59:46 MST  
To: bbssig@tapr.org  
Message-ID: <19961031.035917.5383.0.aa7ya@juno.com>  
Rendered body type: text/plain

On Wed, 30 Oct 1996 19:34:38 -0600 (CST) Phillip Conza  
<phil@zl2tze.mlb.planet.gen.nz> writes:

>Now instead of BASHING each other get back to the accepted standard  
>and lets all get together and make a concerted effort to clean our  
GLOBAL

>Network up..

Who is bashing who? Read on, Phil....

> If you feel this is not the way to do things then I would suggest that  
> you close up you BBS and become a user..

How I run my BBS is none of your business, besides, I have no quarrel with BIDCHK, if I get a message, I will do something about it. To date my system has a history file that keeps record of all BID's that it has seen in the last 6 months, and to date, no DUPES, unless.... Some unsuspecting "BID hack" has taken place, whereby, I go to all the BBS SYSOP's in the R-Header and send them a message to find the culprit, and I have solved a number of cases. Do you think that is all fun and games? Automizing might be the answer, whether @WW or to the SYSOP in question personally.

>

>73 Phillip ZL2TZE

> --

>Phillip Conza

>AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC

>E-Mail private phil@zl2tze.mlb.planet.gen.nz

>

>

73 de Stacey, AA7YA

Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM

E-mail: aa7ya@juno.com

Box 83 Whitetail, Montana 59276 (406) 779-3641

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## 291. Re: [BBSSIG:3711] Re: FORWARDING VIA TELEPHONE

From: bewwhite@ibm.net

Date: Tue, 29 Oct 96 20:13:06

To: bbssig@tapr.org

Message-ID: <9610300428.AA0021@localhost>

Rendered body type: text/plain

Hello Stacy,

Well, if it not legal to "Broadcast" packet bulletins without being connected to someone, then have the stations that want to receive the bulletins send a message to the sysop saying that they will be receiving them, so therefore they will not be broadcast. OK ?

While I am at it, and still in this thread, most of the comment here re HF forwarding talks about using Pactor, Clover etc as 300bd packet is too slow. It should be born in mind that in this part of the world most HF forwarding is on 1200bd PSK and it seems to work very well indeed. Therefore the need for better throughput on HF is not served as well by a change to Pactor or Clover from 1200bd PSK as it is in a change from 300bd packet.

I am personally interested in being involved in Pactor forwarding and when I can get hold of the TAPR HF modem kit I will certainly give it a go as I am of the mind that amtaeur radio should be used for preference.

For the interest of those of a similar bent there is a program that runs in a minimum PC that interfaces between a Pactor II and an FBB BBS.

If I can get the bread together for the Pactor II m/c I will give it a go. I would be interested in hearing from others interested in long distance forwarding. There is plenty of HF forwarding over continental distances so it is not necessary to duplicate those circuits.

73

Barry VK2AAB @ VK2WI

bewwhite@ibm.net

//--- forwarded letter

-----  
> X-Mailer: Juno 1.15  
> MIME-Version: 1.0  
> Date: Tue, 29 Oct 96 00:39:42 -0600  
> From: aa7ya@juno.com  
> To: bbssig@tapr.org  
> Reply-To: bbssig@tapr.org  
> Subject: [BBSSIG:3711] Re: FORWARDING VIA TELEPHONE

>



> On Mon, 28 Oct 1996 00:05:12 -0600 (CST) bewhite@ibm.net writes:  
>  
> > Multicasting as broadcasting could be overcome by having  
> > "subscription lists".  
>  
> What? Explain, I don't quite grasp this concept/view.  
>  
> > 73  
> > Barry VK2AAB @ VK2WI  
> > bewhite@ibm.net  
  
> 73 de Stacey, AA7YA  
> Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
> E-mail: aa7ya@juno.com  
> Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 292. Re: [BBSSIG:3727] Re: Multicasting....

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Thu, 31 Oct 1996 15:06:07 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9610311457.C29573-0100000@uranus>  
Rendered body type: text/plain

On Wed, 30 Oct 1996, Dirk-Jan Koopman wrote:

> In the meantime can I commend to you some of the papers on GC which you  
> will find on:-  
>  
> <http://www.am.cs.vu.nl/>  
>

I read one of the papers on the site mentioned. The paper describes some very interesting approaches to group communication. While reading, some things crossed my mind:

(1) The proposed protocol for GC does assume a reliable communication medium. This is not the case for radio and specially not for HF radio.

(2) The protocol guarantees ordered delivery of messages to all members or no members.

Because of (1), (2) is a major problem for a radio implementation. There are times that a link with some station is far from good, and in these cases we do not want to decrease the performance of the whole network because of one station having link problems.

Besides these two basic concerns, the paper proposes a very interesting protocol. Everyone interested in radio multicasting should take a look at the papers.

I entirely agree with Dirk with regards to the PACSAT protocol and file transferring. The PACSAT protocol was designed as a file transfer protocol. We may investigate the possibility of creating a more general protocol for radio multicasting merging some characteristics of the existing broadcast protocols.

In the mean time we should test the file transfer capabilities of the PACSAT protocol for terrestrial communication.

73,

Edson, N1VTN

---

## 293. Re: [BBSSIG:3729] Re: RE WORLI BID CHECK

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Thu, 31 Oct 1996 09:10:07 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961031090126.17754A-100000@crl11.crl.com>  
Rendered body type: text/plain

As usual my response was misinterpreted and/or misquoted.

In the USA the messages originated by server programs and carrying their "name" in the FROM field are patently NOT illegal. If somebody wants to make them illegal hire an attorney, sue a SYSOP that issues them, win your case (if you can) and based on your victory, get the FCC to change their rules to forbid "non-callsigns" in the FROM field of any message.

Aside from that unlikely eventuality, I'm going to continue to allow \*my\*

servers to "sign" their responses themselves.

Clarke  
K3WGF

## 294. Re: [BBSSIG:3730] Re: RE WORLI BID CHECK

```
From: Brian Jones <bajones@larkhill.win-uk.net>
Date: Thu, 31 Oct 1996 19:02:12
To: bbssig@tapr.org
Cc: aa7ya@juno.com
Message-ID: <228@larkhill.win-uk.net>
Rendered body type: text/plain

>On Wed, 30 Oct 1996 14:37:17 -0600 (CST) Brian Jones
><bajones@larkhill.win-uk.net> writes:
>
>..... snip .....
>
>>Type/status : B$
>>Date/time : 27-Oct/00:40
>>Bid (Mid) : W0RLI28767
>>Message # : 570926
>>Title : BID Change Notification.
>>R:961029/2259Z @:GB7WAR.#29.GBR.EU #:8124 [Warwick] $:W0RLI28767
>>R:961029/2251Z @:GB7COV.#29.GBR.EU #:48280 [Coventry-local]
>>$:W0RLI28767
>>R:961029/2248Z @:GB7COV.#29.GBR.EU #:22548 [Coventry] $:W0RLI28767
>>R:961029/2145Z @:GB7BHM.#29.GBR.EU #:64941 [Wedsbury] FBB5.15c
>>$:W0RLI28767
>>R:961029/0803Z @:GB7PMB.#28.GBR.EU #:18368 [Minsterley] $:W0RLI28767
... snip ...
>>R:961027/0040 28767@W0RLI.OR.USA.NOAM
>>
>>The following information is provided to assist you
>>and your forwarding partners locate the cause of the
>>problem and correct it. Hope this info helps you.
>>-----
>>Between 476827@GB7AVM and 40160@GB7LWB
>>the BID was changed from 23284_GB7DON to 23284_B7DON
>>Headers are:
>>R:961025/2303 40160@GB7LWB.#27.GBR.EURO $:23284_B7DON
>> ^^^^^^^^^^^^^^^^^^^^^^^^^
>>R:961022/2248 476827@GB7AVM.#49.GBR.EURO $:23284_GB7DON
>> ^^^^^^^^^^^^^^^^^^^^^^^^^
>>
>>[ BIDCHK Version 1.0 by W0RLI ]
>>
>>===== End of message #570926 =====
>>
>>
>>>From : CHKBID
>>>To : CHKBID@WW
>>>Type/status : B$
>>>Date/time : 27-Oct/01:43
>>>Bid (Mid) : WA7EES58700
>>>Message # : 570956
>>>Title : BID Change Notification.
>>>R:961029/2325Z @:GB7PZT.#24.GBR.EU [Kidderminster] #:300
>>>R:961029/2325Z @:GB7MAX.#28.GBR.EU #:23617 [I082V0]$:WA7EES58700
>>>R:961029/2147Z @:GB7BHM.#29.GBR.EU #:64951 [Wedsbury] FBB5.15c
>>>$:WA7EES58700
>>>R:961029/0804Z @:GB7PMB.#28.GBR.EU #:18377 [Minsterley] $:WA7EES58700
... snip ...
>>>R:961027/0143 58700@WA7EES.#NWOR.OR.USA.NOAM
>>>
>>>The following information is provided to assist you
>>>and your forwarding partners locate the cause of the
>>>problem and correct it. Hope this info helps you.
>>>-----
>>>Between 476827@GB7AVM and 40160@GB7LWB
>>>the BID was changed from 23284_GB7DON to 23284_B7DON
>>>Headers are:
>>>R:961025/2303 40160@GB7LWB.#27.GBR.EU $:23284_B7DON
>>> ^^^^^^^^^^^^^^^^^^^^^^^^^
>>>R:961022/2248 476827@GB7AVM.#49.GBR.EU $:23284_GB7DON
>>> ^^^^^^^^^^^^^^^^^^^^^^^^^
>>>
>>>[ BIDCHK Version 1.0 by W0RLI ]
>>>
```

```
>>          ===== End of message #570956 =====
>>
>>
>> In this country we have NOT adopted the use of .EURO, so any
>>message which has that included with a GB7 callsign is wrong.
>

>Where does it say '.EURO'? All I see is '.EU' in the H-address
>field.
>
>The only thing missing from the BID is the letter 'G', so someone is
>running corrupt software out there in the forward chain.
>
```

Take another look at those reports from the BIDCHK server,  
whichever one it was, in message 570956 the report gives wrong  
addresses for both. Even though the headers are correct!

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU      bajones@larkhill.win-uk.net
=====
```

---

# November 1996

Original source file: bbssig.9611

Source: [http://ftp.tapr.org/tapr\\_history/SIG\\_Archives/bbssig/mail\\_archive/bbssig.9611](http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9611)

## 1. Re:[BBSSIG:3734] Re: Multicasting....

From: jschurig@zedat.fu-berlin.de (Joachim Schurig)  
Date: Fri, 1 Nov 1996 09:08:52 +0100  
To: bbssig@tapr.org  
Message-ID: <v01540a00ae9f56cd8cc1@[160.45.235.156]>  
Rendered body type: text/plain

Hello,

I am the author of DPBOX for linux.

With interest I read the thread about multicasting (nice word, who invented it?).

We use it at DB0GR in Berlin since some month to push out the new files of the bbs to the users. In my opinion, the PACSAT protocol definition is one of the best (beside ax.25 itself) we have in amateur radio. It is really flexible, one can extend it and it has very small overhead.

It does NOT need a full duplex channel, as was written at this place. I am not shure if I would propose to use it on shortwave frequencies, but a perfect application could be to maintain one bbs at a prominent hillside to broadcast on vhf or uhf to fill up the bbs' in a wide range around. This is fine for flood distributed bulletins, but not for private mails.

My primary intention when implementing the protocol in the bbs soft some years ago however was to minimize local digipeater load from user readouts. At that time, we had 700 local users in the bbs, but only 1k2 radio ports. I did not want to invent a proprietary protocol cause you need user clients to make it a success, and I didn't want to write client programs for each existing OS. The Pacsat protocol was used by Amsat for some years at that time, so user clients existed. And after studying the complete documentation it was obvious that one could not write a "smarter" protocol, Pacsat broadcast protocol is really excellent!

Implementation might look a bit difficult at the first moment, but it isn't really. It is no simple "lets implement that this sunday" - protocol, but it offers a wonderful flexibility and a clear design, far away from many that we see in amateur radio.

Please write me if you need assistance setting up DPBOX/TNT, my email has changed, it is (see header) jschurig@zedat.fu-berlin.de.

Complete archives of dptnt\_221096 are in ftp.tapr.org (still in linux upload folder), ftp.ucsd.edu (still in incoming) and ftp.funet.fi. Current version number of DPBOX is v5.03.01, of TNT v0.9s.

Project homepage is: <http://www.snafu.de/~wahlm/> , newest sources are first released here.

73 Joachim DL8HBS

---

## 2. WARNING VIRUS IN AUTO7P

From: "Hector Sancho" <wp4dos@coqui.net>  
Date: Thu, 31 Oct 1996 23:04:04 -0400  
To: <bbssig@tapr.org>  
Cc: "Roland Hightower" <n5ojs@neosoft.com>  
Message-ID: <199611011454.JAA22541@server1.coqui.net>  
Rendered body type: text/plain

WARNING YESTERDAY I RECIBE A VIRUS FILE BY  
AUTO7P  
DE RESULT FILE NAME IS 709FULL.EXE  
IF YOUR HAVE DO NOT RUN OR YOU ARE GOING  
TO ERASE THE HARD DISK.

THIS IS NOT A REAL VIRUS FILE.  
THE VIRUS DETECT PROGRAM NO WORK IN THIS FILE

SORRY FOR MY VERY BAD ENGLISH  
sk sk sk //de WP4DOS(Hector)

+-----

```

-----+
| WP4DOS          : PACKET FWD BBS PONCE
|
| Hector Sancho   : Sysop KP4IG & WP4DOS
|
| H Route        : WP4DOS@WP4DOS.PCE.PR.USA.NA |
| QTH Locartor    : FK68XA
|
| E-Mail         : wp4dos@coqui.net
|
| Home Page      : home.coqui.net/wp4dos/
|
+-----+
-----+

```

### 3. Re: [BBSSIG:3737] Re:Re: Multicasting....

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
 Date: Fri, 1 Nov 1996 08:29:37 -0700  
 To: bbssig@tapr.org  
 Message-ID: <199611011529.IAA25409@acca.nmsu.edu>  
 Rendered body type: text/plain

At 02:18 AM 11/1/96 -0600, you wrote:

>Hello,

>

>I am the author of DPBOX for linux.

>

Glad to meet you Joachim and learn you made Dpbox! I am enjoying working with it and thank you for the software and your excellent English manuals.

>With interest I read the thread about multicasting (nice word, who invented >it?).

I am not sure but it seems the idea of 'multicasting' has been around a few years so the word must come from back there.

>

>We use it at DB0GR in Berlin since some month to push out the new files of >the bbs to the users. In my opinion, the PACSAT protocol definition is one >of the best (beside ax.25 itself) we have in amateur radio. It is really >flexible, one can extend it and it has very small overhead.

Yes I have the packsat protocol and it is fully developed and well documented.

>

>It does NOT need a full duplex channel, as was written at this place. I am >not shure if I would propose to use it on shortwave frequencies, but a >perfect application could be to maintain one bbs at a prominent hillside to >broadcast on vhf or uhf to fill up the bbs' in a wide range around. This is >fine for flood distributed bulletins, but not for private mails.

I understand Joachim, but the application a few of us are looking at is the multicast on HF role. Shortwave frequencies are where we need to speed up the transfer of bulletins on a network of 3 to 20 bbs stations.

The idea of using 2 frequencies is from the space use but it has application on HF too. Since band conditions are changing all the time it will be good to put all the "request for fill" and "request to stop" packets from the receiving stations on 1 frequency and the sent data packets on another. In this way a receiving station can listen to data and never loose a packet due to another receiving stations transmission.

As long as all receiving stations hear the data packets there is no problem. The problem comes when one receiving station no longer hears the data and starts to request a fill. This is a real HF problem that can be solved by using 2 frequencies.

>

>My primary intention when implementing the protocol in the bbs soft some

>years ago however was to minimize local digipeater load from user readouts.  
>At that time, we had 700 local users in the bbs, but only 1k2 radio ports.  
>I did not want to invent a proprietary protocol cause you need user clients  
>to make it a success, and I didn't want to write client programs for each  
>existing OS. The Pacsat protocol was used by Amsat for some years at that  
>time, so user clients existed. And after studying the complete  
>documentation it was obvious that one could not write a "smarter" protocol,  
>Pacsat broadcast protocol is really excellent!

I agree. And it works every day in the space bbs world.

>  
>Implementation might look a bit difficult at the first moment, but it isn't  
>really. It is no simple "lets implement that this sunday" - protocol, but  
>it offers a wonderful flexibility and a clear design, far away from many  
>that we see in amateur radio.  
>  
>Please write me if you need assistance setting up DPBOX/TNT, my email has  
>changed, it is (see header) jschurig@zedat.fu-berlin.de.

` I have your internet address in my address "book" Joachim. I will be  
talking with you more in private. But I want the other users of this Sig to  
see that we are getting ever closer to trying your software on HF. Thank you  
for the offer to talk.

>  
>Complete archives of dptnt\_221096 are in ftp.tapr.org (still in linux  
>upload folder), ftp.ucsd.edu (still in incoming) and ftp.funet.fi. Current  
>version number of DPBOX is v5.03.01, of TNT v0.9s.  
>  
>Project homepage is: <http://www.snafu.de/~wahlm/> , newest sources are  
>first released here.  
>  
>73 Joachim DL8HBS  
>  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

#### 4. Re: [BBSSIG:3721] Re: RE WORLI BID CHECK

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Sat, 02 Nov 1996 18:25:01 -0800  
To: bbssig@tapr.org  
Message-ID: <327C027D.3166@erinet.com>  
Rendered body type: text/plain

Phillip Conza wrote:

>  
> Hi Stacey and others,  
> <snip>  
> only ones not carrying the from field Valid callsign ..  
>  
> 73 Phillip ZL2TZE  
>  
> --  
> Phillip Conza  
> AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC  
> E-Mail private phil@zl2tze.mlb.planet.gen.nz

Hi, Phillip:

As far as I know, in the USA, the only place a callsign is needed in  
a message, is in the header line(s).

73, Chuck

---

#### 5. Re: [BBSSIG:3740] Re: RE WORLI BID CHECK

From: Hank Oredson <hank\_oredson@MENTORG.COM>  
Date: Sat, 02 Nov 1996 17:31:53 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961103013153.0066ff1c@em-wv03>  
Rendered body type: text/plain

At 05:28 PM 11/2/96 -0600, you wrote:

>Phillip Conza wrote:  
>>  
>> Hi Stacey and others,  
>> <snip>

```
>> only ones not carrying the from field Valid callsign ..
>>
>> 73 Phillip ZL2TZE
>>
>> --
>> Phillip Conza
>> AX25                ZL2TZE @ ZL2TZE.#73.NZL.OC
>> E-Mail private      phil@zl2tze.mlb.planet.gen.nz
>
>Hi, Phillip:
>
> As far as I know, in the USA, the only place a callsign is needed in
>a message, is in the header line(s).
```

In the USA, the only place a callsign is needed is to identify your transmission. A message is simply WHAT you are transmitting.

You can identify in several different ways, but the most common is to place your callsign in the AX.25 packets during the connection.

The header lines have nothing at all to do with station identification, so there is no requirement about them at all, just like the message body, other than the normal requirement that everything you transmit follow the restrictions on profanity, business use, etc.

i.e. an email message is no different in any way from any other data you might exchange with the station you are in QSO with.

```
-----
Hank Oredson - Mentor Graphics - Library Products Group
e_mail: Hank_oredson@mentorg.com
Phone: (503) 685-1325   FAX: (503) 685-1599
```

## 6. Re:Re: Multicasting....

```
From: jschurig@zedat.fu-berlin.de (Joachim Schurig)
Date: Sun, 3 Nov 1996 07:49:17 +0100
To: bbssig@tapr.org
Cc: bbssig@tapr.org
Message-ID: <v01540a04aea1e99ec104@[160.45.235.156]>
Rendered body type: text/plain
```

At 09:33 Uhr 01.11.1996, Karl F. Larsen wrote:

- \* I understand Joachim, but the application a few of us are looking at
- \* is the multicast on HF role. Shortwave frequencies are where we need to
- \* speed up the transfer of bulletins on a network of 3 to 20 bbs stations.

Yes, understood that. Maybe for shortwave the use of AMTOR, PACTOR, CLOVER would be better than using AX.25 (as yet was mentioned in the discussion). PACSAT broadcast protocol is independent from the used transport layer, in fact it uses ax.25 also only as a carrier and does not use its error checking mechanisms nor frame assembly features.

- \* The idea of using 2 frequencies is from the space use but it has
- \* application on HF too. Since band conditions are changing all the time it
- \* will be good to put all the "request for fill" and "request to stop" packets
- \* from the receiving stations on 1 frequency and the sent data packets on
- \* another. In this way a receiving station can listen to data and never loose
- \* a packet due to another receiving stations transmission.

Yes, is implemented this way in DPBOX and TNT, but is not required for that what I call the "bbs broadcast", the continuous transmission of all new bulletins. But might be a good idea for use on shortwave, as cycle time of transmission is high with only 300 baud.

- \* As long as all receiving stations hear the data packets there is no
- \* problem. The problem comes when one receiving station no longer hears the
- \* data and starts to request a fill. This is a real HF problem that can be
- \* solved by using 2 frequencies.

Would also work simplex, transmitting station only has to interrupt from time to time and listen for requests.

- \* I have your internet address in my address "book" Joachim. I will be
- \* talking with you more in private. But I want the other users of this Sig to
- \* see that we are getting ever closer to trying your software on HF. Thank you
- \* for the offer to talk.

Take caution, it is not really designed for use on shortwave. In central europe, we use shf links with 9600..76800 bit/s for interconnection of nodes. I am working on some of the required control mechanisms for shortwave, especially transmitter control, but today it's not available. Don't be disappointed if your results will not match your expectations.

Primary design layout for DPBOX was: efficiency and error protection in store and forward and local file storage; and supporting high speed access of multiple users via local nodes. We often have up to 40 simultaneous users connected via multiple 19600 or even 28800 bit/s radio links...

If you try out PACSAT broadcast and use the KISS protocol to attach your TNC to DPTNT, you have to take care not to overrun the TNC with frames. KISS has no flow control for frame data, what is lost is lost. Connecting the TNC to the computer with 57600 baud and transmitting with 300 baud would be a bad idea.

When using the modified wa8ded hostmode, flow control is done by DPTNT.

\* Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

73 Joachim

```
-----
Joachim Schurig,          EMAIL:          jschurig@zedat.fu-berlin.de
DL8HBS                    WWW:    http://userpage.fu-berlin.de/~jschurig/
                           HamRadio:    DL8HBS @ DB0GR.#BLN.DEU.EU
-----
```

---

## 7. Re: [BBSSIG:3719] re: how2signify BID/MID ?

From: Paul Kearney <ei7gm@iol.ie>  
Date: Sun, 3 Nov 1996 15:50:09 +0000 (GMT)  
To: bbssig@tapr.org  
Message-ID: <Pine.sol.3.90.961103154537.12404C-100000@joyce.iol.ie>  
Rendered body type: text/plain

> > My software, and all my neighbors softwares, send the BID/MID with the  
> >signature \$\*. I suggest that we signify the BID/MID in the headers with  
> >a token using the same character, '\$'. I vote for '\$:'  
>  
> Well, my software can tell the difference between a BID and a MID, with "B:"  
> and "M:", therefore, it is the obvious way to go. ;-)  
>  
No need to vote....the mail headers speak for themselves.

My idea was to see if anyone wished to try and change the world  
long after the world had freely started using an apparently  
99.9999% worldwide way of representing the 'id string' for messages.

Regards to all , Ye Brethern of the ever-spinning-hard-disk.  
paul  
dublin-ireland

---

## 8. Re: [BBSSIG:3741] Re: RE WORLI BID CHECK

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Mon, 04 Nov 1996 07:54:41 -0800  
To: bbssig@tapr.org  
Message-ID: <327E11C1.66F7@erinet.com>  
Rendered body type: text/plain

Hank Oredson wrote:

>  
> At 05:28 PM 11/2/96 -0600, you wrote:  
> >Phillip Conza wrote:  
> >>  
> >> Hi Stacey and others,  
> >> <snip>  
> >> only ones not carrying the from field Valid callsign ..  
> >>  
> >> 73 Phillip ZL2TZE  
> >>  
> >> --  
> >> Phillip Conza  
> >> AX25                      ZL2TZE @ ZL2TZE.#73.NZL.OC  
> >> E-Mail private            phil@zl2tze.mlb.planet.gen.nz  
> >>  
> >Hi, Phillip:  
> >  
> > As far as I know, in the USA, the only place a callsign is needed in



> >a message, is in the header line(s).  
>  
> In the USA, the only place a callsign is needed is to identify  
> your transmission. A message is simply WHAT you are transmitting.  
>  
> You can identify in several different ways, but the most common  
> is to place your callsign in the AX.25 packets during the connection.  
>  
> The header lines have nothing at all to do with station identification,  
> so there is no requirement about them at all, just like the message  
> body, other than the normal requirement that everything you transmit  
> follow the restrictions on profanity, business use, etc.  
>  
> i.e. an email message is no different in any way from any other  
> data you might exchange with the station you are in QSO with.  
>  
> ----  
> Hank Oredson - Mentor Graphics - Library Products Group  
> e\_mail: Hank\_oredson@mentorg.com  
> Phone: (503) 685-1325 FAX: (503) 685-1599

I have lost concept of this thread. I was concentrating on  
packet messages that do not contain a valid callsign in the  
FROM: field.

I did not see 'station identification' as a thread.

As Hanks points out, 'station identification' is separate from  
transmission content.

Regards, Chuck  
nc8q

---

## 9. Re: [BBSSIG:3744] Re: RE WORLI BID CHECK

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 4 Nov 1996 07:13:25 -0700  
To: bbssig@tapr.org  
Message-ID: <199611041413.HAA28871@acca.nmsu.edu>  
Rendered body type: text/plain

Hank, does your Bid Check program consider a bid that is upper case  
to be different than one which is identical but in lower case?

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 10. tcp/ip under win95

From: "hubert.riera" <7906t@haillan.sep-haillan.fr>  
Date: Mon, 4 Nov 1996 16:36:42 +0100  
To: bbssig@tapr.org  
Message-ID: <9611041636.ZM20685@haillan.sep-haillan.fr>  
Rendered body type: text/plain

Hi Old Man ,  
Does any body know how to do tcp/ip/ax25 kiss emulation ,  
like the old eth2ax25 but under win95  
with an tnc2 in the back of the computer  
just to make Mosaic works on my local networks  
at this time i do it with Linux an connect to the local  
web site but lot of user avent Linux  
so can you help me  
Hubert  
f5lct

---

## 11. Re: [BBSSIG:3745] Re: RE WORLI BID CHECK

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 04 Nov 1996 09:43:26 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961104174326.00689eb4@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 08:15 AM 11/4/96 -0600, you wrote:  
> Hank, does your Bid Check program consider a bid that is upper case  
> to be different than one which is identical but in lower case?

No.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet        : hank\_oredson@mentorg.com        "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 12. Re: [BBSSIG:3744] Re: RE W0RLI BID CHECK

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 04 Nov 1996 09:43:26 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961104174326.0067263c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:54 AM 11/4/96 -0600, you wrote:

> I have lost concept of this thread. I was concentrating on  
> packet messages that do not contain a valid callsign in the  
> FROM: field.

The FROM: field is simply the CONTENT of a ham radio transmission.  
In the US, there are some rules for this content, but the words  
'email' or 'FROM' are never mentioned. There is NO requirement  
to even have such a thing.

>  
> I did not see 'station identification' as a thread.

The only place a callsign is required is for station identification.

> As Hanks points out, 'station identification' is separate from  
> transmission content.

Yes exactly.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet        : hank\_oredson@mentorg.com        "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 13. Re: [BBSSIG:3747] Re: RE W0RLI BID CHECK

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 4 Nov 1996 15:22:46 -0700  
To: bbssig@tapr.org  
Message-ID: <199611042222.PAA15847@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:47 AM 11/4/96 -0600, you wrote:  
> At 08:15 AM 11/4/96 -0600, you wrote:  
>> Hank, does your Bid Check program consider a bid that is upper case  
>> to be different than one which is identical but in lower case?  
>  
>  
> No.  
>

Thanks.

>  
> Hank Oredson @ Mentor Graphics                      Library Operations  
> Internet        : hank\_oredson@mentorg.com        "Parts 'R Us!"  
> Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 14. Win F6FBB and QRZ CD-ROM

From: kfarm@rt66.com (Kirk Farm)  
Date: Tue, 5 Nov 1996 13:51:28 -0700 (MST)  
To: bbssig@tapr.org  
Message-ID: <199611052051.NAA03331@Rt66.com>  
Rendered body type: text/plain

Finally got F6FBB running great on a 486DX2/66 PC... on top of the G8BPQ  
switch. So far so good... thanks to many of the hints and suggestions  
I have seen posted in this SIG!

My question is: has anyone set up the QRZ callsign database CD-ROM with  
F6FBB version 7.00a? I would like to do this as a "real-time" database,  
for the time being, possibly adding the remote server capability later.

Thanks! and 73 de Kirk -- N5PVS

## 15. Re: [BBSSIG:3750] Win F6FBB and QRZ CD-ROM

```
> From: Kirk Farm <kfarm@rt66.com>
> To: bbssig@tapr.org
> Subject: [BBSSIG:3750] Win F6FBB and QRZ CD-ROM
> Date: Tuesday, November 05, 1996 20:52 PM
>
> Finally got F6FBB running great on a 486DX2/66 PC... on top of the G8BPQ
> switch. So far so good.... thanks to many of the hints and suggestions
> I have seen posted in this SIG!
>
> My question is: has anyone set up the QRZ callsign database CD-ROM with
> F6FBB version 7.00a? I would like to do this as a "real-time" database,
> for the time being, possibly adding the remote server capability later.
>
> I've seen a program called QRZQTH version .05 by NK3T which supposedly
> does
> this.... but after the long endeavour of finally "stabilizing" my BBS, I
> am a bit nervous about trying this program for fear it'll crash my
> system....
> then again... I've had alot of experience doing that :-) ! But if
> anyone
> knows if this program works well with version 7.00a.... let me know. Or
> if anyone has suggestions or comments about setting up the QRZ callsign
> CD-ROM with version 7.00a using another program... I'm interested!
>
> Thanks! and 73 de Kirk -- N5PVS
>
>
> _____
>
> Call sign: N5PVS
> Internet address: kfarm@rt66.com
> AX.25 address: N5PVS@N5PVS.NM.USA.NA
>
>
>
```

## SM7PAF / Tommy

## Page 619

From: "kc" <kc@1st.net>  
Date: Thu, 7 Nov 1996 05:11:33 -0500  
To: <bbssig@tapr.org>  
Message-ID: <199611071015.EAA29884@tapr.org>  
Rendered body type: text/plain

In the near future, I'm planning to switch bbs programs from REBBS to FBB and was wondering if there was an easy way to convert rebbs message database to fbb?  
73  
Ken WA80MR

---

## 18. Re: [BBSSIG:3748] Re: RE WORLI BID CHECK

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Thu, 07 Nov 1996 07:28:16 -0800  
To: bbssig@tapr.org  
Message-ID: <32820010.1E71@erinet.com>  
Rendered body type: text/plain

Hank Oredson wrote:

>  
> At 06:54 AM 11/4/96 -0600, you wrote:  
>  
> > I have lost concept of this thread. I was concentrating on  
> > packet messages that do not contain a valid callsign in the  
> > FROM: field.  
>  
> The FROM: field is simply the CONTENT of a ham radio transmission.  
> In the US, there are some rules for this content, but the words  
> 'email' or 'FROM' are never mentioned. There is NO requirement  
> to even have such a thing.  
>  
> >  
> > I did not see 'station identification' as a thread.  
>  
> The only place a callsign is required is for station identification.  
>  
> > As Hanks points out, 'station identification' is separate from  
> > transmission content.  
>  
> Yes exactly.  
>  
> Hank Oredson @ Mentor Graphics                      Library Operations  
> Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
> Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

Hi, Hank:

Okay. Now I think we need 5 degrees to starboard in this thread; we are also discussing this in regard to packet bbs software and packet bbs message format. Not content of data transmission, but what style/syntax/format the data can be.

What I call the 'send' line and sometimes/somewhere is called the 'proposition' line:

Sx TOFIELD "@ ATFIELD \$BID/MID/FIELD "<" FROMFIELD

where one bbs is trying to send a message to another bbs.

Wherein some are saying that the FROMFIELD must be formatted as an 'valid' amateur callsign. I find that concept out of touch with what has been used for years. I often receive messages from WP or REQWP. I see that, in the future, I could receive messages from BADBID or BIDCHK. I have no problem with this. (IMHO) This is acceptable and standard.

This may explain why I receive so few WP QUERY responses; other sysops may be choosing to and other software may default to holding mail with a FROMFIELD of WP or REQWP.

(to my neighbor bbs sysops', this is why I send so many!)

Best Regards,  
Chuck nc8q

## 19. Re: [BBSSIG:3747] Re: RE WORLI BID CHECK

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Thu, 07 Nov 1996 07:36:44 -0800  
To: bbssig@tapr.org  
Message-ID: <3282020C.61AB@erinet.com>  
Rendered body type: text/plain

Hank Oredson wrote:

>  
> At 08:15 AM 11/4/96 -0600, you wrote:  
> > Hank, does your Bid Check program consider a bid that is upper case  
> >to be different than one which is identical but in lower case?  
>  
> No.  
>  
> Hank Oredson @ Mentor Graphics                      Library Operations  
> Internet                : hank\_oredson@mentorg.com       "Parts 'R Us!"  
> Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

Thanks, Hank:

Well, I see a message that discusses bids/mids generated at a xNOS  
and the converse could happen. So:

Hank, does your Bid Check program consider a bid that is lower case  
to be different than one which is identical but in upper case?

This may be answered already, cuz I have about 130 more newsgroup messages  
to read.

Regards,  
Chuck nc8q

---

## 20. Re: [BBSSIG:3753] Switching from AA4RE to FBB software

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Thu, 07 Nov 1996 09:49:14 -0800  
To: bbssig@tapr.org  
Message-ID: <3282211A.7D48@erinet.com>  
Rendered body type: text/plain

kc wrote:

>  
> In the near future, I'm planning to switch bbs programs from REBBS to FBB  
> and was  
> wondering if there was an easy way to convert rebbs message database to  
> fbb?  
> 73  
> Ken WA8OMR

Hi, Ken:

I'll be trying something like that too. I'm gonna try  
EXPORT FILENAME.EXT > \*  
and then try to import FILENAME.TXT to FBB.

Regards,  
Chuck nc8q

---

## 21. Re: [BBSSIG:3753] Switching from AA4RE to FBB software

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 7 Nov 1996 06:46:29 -0700  
To: bbssig@tapr.org  
Message-ID: <199611071346.GAA00523@acca.nmsu.edu>  
Rendered body type: text/plain

No your out of luck Ken. FBB stores messages like no-other software  
I have seen...hi But here is a work-around. I think REBBS can forward to a  
file. So when your ready to switch forward to w5rty or zm3bl all your  
messages. Then you can upload them to fbb by renaming the file mail.in and  
putting that into the \fbb directory. It \*SHOULD\* work, but I have never  
done it that way.

At 04:17 AM 11/7/96 -0600, you wrote:  
>In the near future, I'm planning to switch bbs programs from REBBS to FBB  
>and was  
>wondering if there was an easy way to convert rebbs message database to

>fbb?  
>73  
>Ken WA8OMR  
>  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 22. Re: [BBSSIG:3753] Switching from AA4RE to FBB software

From: Roy <garlic@garlic.com>  
Date: Thu, 07 Nov 1996 08:12:37 -0800  
To: bbssig@tapr.org  
Message-ID: <32820A75.2695@garlic.com>  
Rendered body type: text/plain

Export all the mail to a file. FBB should be able to import all the mail.

---

## 23. Re: [BBSSIG:3754] Re: RE WORLI BID CHECK

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 07 Nov 1996 11:26:07 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961107192607.006802ec@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:32 AM 11/7/96 -0600, you wrote:  
>Hank Oredson wrote:  
>>  
>> At 06:54 AM 11/4/96 -0600, you wrote:  
>>  
>> > I have lost concept of this thread. I was concentrating on  
>> >packet messages that do not contain a valid callsign in the  
>> >FROM: field.  
>>  
>> The FROM: field is simply the CONTENT of a ham radio transmission.  
>> In the US, there are some rules for this content, but the words  
>> 'email' or 'FROM' are never mentioned. There is NO requirement  
>> to even have such a thing.  
>>  
>> >  
>> > I did not see 'station identification' as a thread.  
>>  
>> The only place a callsign is required is for station identification.  
>>  
>> > As Hanks points out, 'station identification' is separate from  
>> >transmission content.  
>>  
>> Yes exactly.  
>>  
>> Hank Oredson @ Mentor Graphics                      Library Operations  
>> Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
>> Amateur Radio: W0RLI@W0RLI.OR.U.S.A.NOAM  
>  
>Hi, Hank:  
>  
> Okay. Now I think we need 5 degrees to starboard in this thread;  
>we are also discussing this in regard to packet bbs software and  
>packet bbs message format. Not content of data transmission, but  
>what style/syntax/format the data can be.  
>  
> What I call the 'send' line and sometimes/somewhere is called the  
>'proposition' line:  
>  
>Sx TOFIELD "@" ATFIELD \$BID/MID/FIELD "<" FROMFIELD

If you check the BBS specification, you can tell what is allowed in this field. It says nothing about "callsign" ... just what characters are allowed.

>  
> where one bbs is trying to send a message to another bbs.  
>  
> Wherein some are saying that the FROMFIELD must be formatted as an  
>'valid' amateur callsign. I find that concept out of touch with what  
>has been used for years. I often receive messages from WP or REQWP.  
>I see that, in the future, I could receive messages from BADBID or  
>BIDCHK. I have no problem with this. (IMHO) This is acceptable and  
>standard.

Exactly. If memory serves, the only characters from the ASCII set which are not allowed are certain control characters and the '@' (because it delimits the field.)

>  
> This may explain why I receive so few WP QUERY responses;  
> other sysops may be choosing to  
> and other software may default to  
> holding mail with a FROMFIELD of WP or REQWP.

Exactly what appears to be happening. A number of sysops have decided on a second career as censor or "packet cop" and do their best to find reasons to kill off messages. Once discovered, they are routed around. Until they are discovered, they make a mess of the system.

> (to my neighbor bbs sysops', this is why I send so many!)

Saw at least one WP response from your query go through my system this morning ... noticed it forward to W9MR on 20M CLOVER about 8 AM PST. So you should have it by now ... and if not, you know it did reach Indiana and can start looking for the sysop who killed it off ... if it did NOT reach you.

>  
> Best Regards,  
> Chuck nc8q  
>  
>  
>

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com              "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 24. Re: [BBSSIG:3755] Re: RE WORLI BID CHECK

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 07 Nov 1996 11:26:06 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961107192606.0067bf30@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:40 AM 11/7/96 -0600, you wrote:  
> Hank Oredson wrote:  
>>  
>> At 08:15 AM 11/4/96 -0600, you wrote:  
>> > Hank, does your Bid Check program consider a bid that is upper case  
>> > to be different than one which is identical but in lower case?  
>>  
>> No.  
>>  
>> Hank Oredson @ Mentor Graphics                      Library Operations  
>> Internet : hank\_oredson@mentorg.com              "Parts 'R Us!"  
>> Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
>  
> Thanks, Hank:  
>  
> Well, I see a message that discusses bids/mids generated at a xNOS  
> and the converse could happen. So:  
>  
> Hank, does your Bid Check program consider a bid that is lower case  
> to be different than one which is identical but in upper case?

No.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com              "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 25. Re: [BBSSIG:3760] Re: RE WORLI BID CHECK

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Thu, 7 Nov 1996 15:35:24 -0700  
To: bbssig@tapr.org  
Message-ID: <199611072235.PAA19103@acca.nmsu.edu>  
Rendered body type: text/plain

It is possible that the ham who said he saw a bidchk message that was to someone cuzz the bid was lower case is in error. It might be due to some other problem not as obvious.

As for the k5di@cruces.nm.usa.noam bbs, it is putting all bidchk messages into a file called null...:-) When I get a message from a \*REAL\* person I will look for trouble.

Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 26. Re: [BBSSIG:3757] Re: Switching from AA4RE to FBB software

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Thu, 7 Nov 1996 14:44:53 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961107144118.12988A-100000@crl2.crl.com>  
Rendered body type: text/plain

REBBS can export messages in RLI/MBL forwarding format into an ASCII text file. You can then rename the file to MAIL.IN and FBB will automagically import it. You have to try and export it without adding a forwarding header or FBB may tag it and try to issue a "Ping-pong" message when you reimport the file back into a BBS of the same callsign. I used to run REBBS and this is how I moved all my unread P/T-mail from one system to another. I'd forget about the bulletins and start from scratch with them..

73 & good luck,  
Clarke  
K3WGF

---

## 27. Re: [BBSSIG:3761] Re: RE WORLI BID CHECK

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 07 Nov 1996 15:18:22 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961107231822.0068bf6c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:42 PM 11/7/96 -0600, you wrote:  
> It is possible that the ham who said he saw a bidchk message that  
> was to someone cuzz the bid was lower case is in error. It might be due to  
> some other problem not as obvious.

It was due to a dropped character. But you will never know ... since you claim you don't read those messages ... so it makes little sense for you to comment about something about which you have said you want to be ignorant. Just keep the head firmly in the sand ...

> As for the k5di@cruces.nm.usa.noam bbs, it is putting all bidchk  
> messages into a file called null...:-) When I get a message from a \*REAL\*  
> person I will look for trouble.

Strange ... even those who claim messages addressed from BIDCHK @ WORLI are from "some unknown person" seem to be able to understand they were sent by me personally ... at least they understand this well enough to send me messages bitching about the BIDCHK messages.

Of course you could always read the ones from N7DXT instead ...

Now Karl, if you don't understand how this works, perhaps a quick review of messages from WP, FILEX, REQQTH, etc. might be in order.

In any case, we don't need to route around you, since there is nothing that might go THROUGH your system to anywhere else, so your censorship will have no effect on the network.

|                                          |                    |
|------------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics           | Library Operations |
| Internet : hank_oredson@mentorg.com      | "Parts 'R Us!"     |
| Amateur Radio: WORLI@WORLI.OR.U.S.A.NOAM |                    |

---

## 28. Re: [BBSSIG:3763] Re: RE WORLI BID CHECK

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 8 Nov 1996 06:16:21 -0700  
To: bbssig@tapr.org  
Message-ID: <199611081316.GAA19085@acca.nmsu.edu>  
Rendered body type: text/plain



At 05:24 PM 11/7/96 -0600, you wrote:  
 >At 04:42 PM 11/7/96 -0600, you wrote:  
 >> It is possible that the ham who said he saw a bidchk message that  
 >>was to someone cuzz the bid was lower case is in error. It might be due to  
 >>some other problem not as obvious.  
 >  
 >It was due to a dropped character. But you will never know ... since  
 >you claim you don't read those messages ... so it makes little sense  
 >for you to comment about something about which you have said you want  
 >to be ignorant. Just keep the head firmly in the sand ...  
 >  
 >> As for the k5di@cruces.nm.usa.noam bbs, it is putting all bidchk  
 >>messages into a file called null...:-) When I get a message from a \*REAL\*  
 >>person I will look for trouble.  
 >  
 >Strange ... even those who claim messages addressed from BIDCHK @ W0RLI  
 >are from "some unknown person" seem to be able to understand they were  
 >sent by me personally ... at least they understand this well enough to  
 >send me messages bitching about the BIDCHK messages.  
 >  
 >Of course you could always read the ones from N7DXT instead ...  
 >  
 >Now Karl, if you don't understand how this works, perhaps a quick  
 >review of messages from WP, FILEX, REQQTH, etc. might be in order.  
 >  
 >In any case, we don't need to route around you, since there is nothing  
 >that might go THROUGH your system to anywhere else, so your censorship  
 >will have no effect on the network.  
 >  
 >  
 Not quite Hank. I forward to All of El Paso Texas and all of New  
 Mexico including Farmington which is in the 4 corners country. My TNOS is  
 now sending me messages (to sysop) that tell me when a message has a bid  
 problem. If it's from wb7tls or k5wph or kc5izt or ... I send them mail  
 explaining the problem and offering solutions. For many years I have  
 resisted sending a message to sysop@usa every time I find a problem. F6CNB  
 and wb7tls have helped me when my gear was set up poor and doing bad stuff.

As for WP you need to see the way it is attached to TNOS. It is  
 amazing that it works. Without much success I am trying to get hams in this  
 area to run JNOS. Then we can smtp and ftp and NNNT and all that stuff. Hard  
 to sell to a guy who had Eudora and Trumpet and Netscape put on their  
 computer by an expert and they can surf the internet, whatever that is...:-)

>  
 >  
 >Hank Oredson @ Mentor Graphics Library Operations  
 >Internet : hank\_oredson@mentorg.com "Parts 'R Us!"  
 >Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
 >  
 >  
 Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

## 29. Re: [BBSSIG:3764] Re: RE WORLI BID CHECK

From: n5pvl@texoma.net (Charles Brabham)  
 Date: Fri, 8 Nov 1996 10:50:27 -0600 (CST)  
 To: bbssig@tapr.org  
 Message-ID: <199611081650.KAA12514@mail.texoma.net>  
 Rendered body type: text/plain

>At 05:24 PM 11/7/96 -0600, Karl wrote:

>  
 > As for WP you need to see the way it is attached to TNOS. It is  
 >amazing that it works. Without much success I am trying to get hams in this  
 >area to run JNOS. Then we can smtp and ftp and NNNT and all that stuff. Hard  
 >to sell to a guy who had Eudora and Trumpet and Netscape put on their  
 >computer by an expert and they can surf the internet, whatever that is...:-)  
 >

We have the same thing happening in my area.. There are a few harried,  
 ingrown types who think the suns rises and sets on \*NOS, and imagine some  
 sort of "superiority" in themselves because they have managed to get it to  
 work.. Then there's everybody else, who wouldn't touch it with a ten-foot pole.

I ran JNOS for a few months, and even obtained a block of addresses to hand  
 out to new guys. Only one ham expressed an interest in obtaining an IP

address... He never used it. After a while I went back to mainstream packet radio, and have seen no reason to "look back" on \*NOS. I gave it a fair shake, and it simply didn't measure up.

There are a few \*NOS stations in my area, some of which have been here for quite a while. They mainly appear to be frequented by "communicators" who want to talk all over the world without having to bother to become involved enough in the hobby to study for a novice exam or purchase an HF rig. Most of these hams are still challenged by their AX25 software. The chances that they would ever run \*NOS themselves, even if they cared to, are pretty slim. There are exceptions, of course.. Very few.

I still believe that if we can come up with a reasonably simple way to utilize software such as EUDORA and NETSCAPE on packet, then amateur TCP/IP will see an upsurge in popularity. This will hinge on whether the "dialup" software will be as (easy?) to set up as Trumpet Winsock or not. This is much more important to \*NOS's popularity than the high-speed issues which are normally associated with the development of amateur TCP/IP. If everybody has to use \*NOS ( as we know it ) to utilize amateur TCP/IP, then it probably will never amount to anything, simply because the people who are attracted by the services offered by \*NOS stations are not the sort who are interested in the educational aspects of ham radio.. They want to "work the world", as long as they don't have to learn much of anything or apply themselves to the hobby to any significant degree. These hams fall off the "learning curve" rather quickly, and are highly unlikely to ever get \*NOS to operate properly, even with help.

A parallel to this attitude can be seen in Internet forwarders, who want to forward packet radio messages over long distances only as long as they can bypass the "need" for the knowlege, personal commitment, and expense required to do HF forwarding or actively participate in long-haul VHF/UHF networks. Their response to the challenges of amateur radio is to bypass the use of radios.

The upcoming spread-spectrum hardware can be a great step forward for amateur packet radio - IF it is set up to work with mainstream packet radio software and networking. By tying it in to the use of \*NOS, it is effectively hamstrung, and unlikely to see widespread use. That's a shame, and IMHO points out that it's developers are somewhat short-sighted and divorced from reality.

73 DE Charles Brabham N5PVL  
Packet Radio: N5PVL @ N5PVL.#NTX.TX.USA.NA  
E-Mail : n5pvl@texoma.com  
WWW : http://www.texoma.com/~n5pvl

---

### 30. WinFBB help?

From: Thomas I Mathewson <tommath@norwich.net>  
Date: Sat, 09 Nov 1996 06:59:22 -0800  
To: bbssig@tapr.org  
Message-ID: <32849C4A.7033@norwich.net>  
Rendered body type: text/plain

Hello all;  
I have a question for all the WIN F6FBB "experts"  
Does it ever run a full day with out messing up somewhere?  
I have a copy running and have got it to run, but when it comes time for the housekeeping, it locks up the computer, er at least it will not let me do anything from the keyboard. I can connect to the BPQ switch and it tells me that the BBS is busy. If I anyone can pass along some helpful hints I would apperciate it. Like some of the others on here I am changing from AA4RE to F6FBB and this is a whole new ballgame.  
73 Tom KA2MYD

---

### 31. Re: [BBSSIG:3766] WinFBB help?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sat, 9 Nov 1996 06:25:00 -0700  
To: bbssig@tapr.org  
Message-ID: <199611091325.GAA20391@acca.nmsu.edu>  
Rendered body type: text/plain

Tom that is "normal" operation. In the DOS version FBB exited clear out of memory at the defined house cleaning minute, and a batch file ran the cleanup programs and when it got done it re-started FBB. This is why FBB runs so well on a dos computer. The version 5.15c is perfect for DOS.

At 01:05 AM 11/9/96 -0600, you wrote:  
>Hello all;  
>I have a question for all the WIN F6FBB "experts"  
>Does it ever run a full day with out messing up somewhere?  
>I have a copy running and have got it to run, but when it comes time for  
>the housekeeping, it locks up the computer, er at least it will not let  
>me do anything from the keyboard. I can connect to the BPQ switch and it  
>tells me that the BBS is busy. If I anyone can pass along some helpful  
>hints I would apperciate it. Like some of the others on here I am  
>changing from AA4RE to F6FBB and this is a whole new ballgame.  
>73 Tom KA2MYD  
>  
>  
Karl F. Larsen ---- k5di@acca.nmsu.edu --- <http://acca.nmsu.edu/~k5di/> -->

---

## 32. huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Sat, 09 Nov 1996 09:22:04 -0800  
To: bbssig@tapr.org  
Message-ID: <3284BDBC.7B83@erinet.com>  
Rendered body type: text/plain

A recent note from Hank Oredson, w0rli, contained:

> If you check the BBS specification, you can tell what is allowed  
> in this field. It says nothing about "callsign" ... just what  
> characters are allowed.

This is the second time this week I saw a reference to

" the BBS specification ".

What, how, where, when, who is a " BBS specfication " ?

73, Chuck nc8q

---

## 33. Re: [BBSSIG:3766] WinFBB help?

From: KB6ZVP@aol.com  
Date: Sat, 9 Nov 1996 09:26:06 -0500  
To: bbssig@tapr.org  
Message-ID: <961109092606\_1249481057@emout17.mail.aol.com>  
Rendered body type: text/plain

In a message dated 96-11-09 02:21:56 EST, you write:

<< Hello all;  
I have a question for all the WIN F6FBB "experts"  
Does it ever run a full day with out messing up somewhere?  
I have a copy running and have got it to run, but when it comes time for  
the housekeeping, it locks up the computer, er at least it will not let  
me do anything from the keyboard. I can connect to the BPQ switch and it  
tells me that the BBS is busy. If I anyone can pass along some helpful  
hints I would apperciate it. Like some of the others on here I am  
changing from AA4RE to F6FBB and this is a whole new ballgame.  
73 Tom KA2MYD  
>>

I need some more info Tom. Please send your setup, i.e. Which Windows,  
autoexec.bat, etc. and whatever to describe your present situation. I run  
WinFBB, Wisp, Satgate Node, BPQ, and Win95 without a single problem in over  
six months.

I would be happy to you my configuration files if you would like.

73 - Mark, kb6zvp@aol.com

---

## 34. Re: [BBSSIG:3769] Re: WinFBB help?

From: "Patrick R. McKeeby" <n0zo@unix.cde.com>  
Date: Sat, 09 Nov 1996 09:59:41 -0500  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961109145941.0b8f0960@unix.cde.com>  
Rendered body type: text/plain

I've been running WinFBB on my VHF ports and WinLink (pacTOR mode) on  
my HF ports for several months and have had no problems with either. I'm  
running a 486/33Mhz machine with 8MB of RAM. I using the RUNFBB.BAT file  
to call up WinFBB with no changes. I've only noticed that WinFBB crashes  
at times when opening up the monitoring window but that's all.  
Housecleaning is performed and the system restarts itself OK. I do have

to manually export/import the mail files between the two systems but that's a minor matter. I like using WinFBB for VHF because of the compression forwarding to another BBS.  
Regards - Pat, N0Z0

At 08:28 AM 11/9/96 -0600, you wrote:  
>In a message dated 96-11-09 02:21:56 EST, you write:  
>  
><< Hello all;  
> I have a question for all the WIN F6FBB "experts"  
> Does it ever run a full day with out messing up somewhere?  
> I have a copy running and have got it to run, but when it comes time for  
> the housekeeping, it locks up the computer, or at least it will not let  
> me do anything from the keyboard. I can connect to the BPQ switch and it  
> tells me that the BBS is busy. If I anyone can pass along some helpful  
> hints I would appreciate it. Like some of the others on here I am  
> changing from AA4RE to F6FBB and this is a whole new ballgame.  
> 73 Tom KA2MYD  
> >>  
> I need some more info Tom. Please send your setup, i.e. Which Windows,  
> autoexec.bat, etc. and whatever to describe your present situation. I run  
> WinFBB, Wisp, Satgate Node, BPQ, and Win95 without a single problem in over  
> six months.  
> I would be happy to you my configuration files if you would like.  
>  
> 73 - Mark, kb6zvp@aol.com  
>  
>  
>

---

### 35. Re: [BBSSIG:3753] Switching from AA4RE to FBB software

From: Barry Buelow WA0RJT <barry@ia.net>  
Date: Sat, 9 Nov 1996 13:53:53 -0600 (CST)  
To: bbssig@tapr.org  
Message-ID: <199611091953.NAA08651@zeus.ia.net>  
Rendered body type: text/plain

kc wrote:  
>  
> In the near future, I'm planning to switch bbs programs from REBBS to FBB  
> and was  
> wondering if there was an easy way to convert rebbs message database to  
> fbb?  
> 73  
> Ken WA8OMR  
>  
>  
>  
You might try EXPORTING all of the BBS messages while in AA4RE. Then  
import them into FBB.

This is just a guess, I've not tried it, so a sample might be the next step.  
I would not ex/import as one giant file as I've seen complaints about  
some programs and file size hickups.

73 Barry

---

### 36. Re: [BBSSIG:3769] Re: WinFBB help?

From: Thomas I Mathewson <tommath@norwich.net>  
Date: Sat, 09 Nov 1996 19:56:52 -0800  
To: bbssig@tapr.org  
Message-ID: <32855284.422@norwich.net>  
Rendered body type: text/plain

Hi Mark;

The computer is a Cyrix 5X86 133MHZ, 16MB ram, 1.0gig HD, 6X CDRom, sound card.  
Operating system: Windows-95

WinFBB runs OK until it is time for housekeeping. Then it craps out on me.  
I have had it lock up the system completely, then again it will only give an error msg  
that it can't find something called lastfind or findlast [can not remember which, only  
saw that one once]. This morning when I looked at it, it was locked up, I tried the  
CAD reset and the system told me that it was waiting for a close window dialog box to  
do something.  
I can send you copies of my files if you would like. Which ones do you want?

Like I said in my posting this is a new game to me and I may need a little hand  
holding to get this work correctly.

### 37. Re: [BBSSIG:3766] WinFBB help?

From: kfarm@rt66.com (Kirk Farm)  
 Date: Sat, 9 Nov 1996 13:20:20 -0700 (MST)  
 To: bbssig@tapr.org  
 Message-ID: <199611092020.NAA19472@Rt66.com>  
 Rendered body type: text/plain

>Hello all;  
 >I have a question for all the WIN F6FBB "experts"  
 >Does it ever run a full day with out messing up somewhere?  
 >I have a copy running and have got it to run, but when it comes time for  
 >the housekeeping, it locks up the computer, er at least it will not let  
 >me do anything from the keyboard. I can connect to the BPQ switch and it  
 >tells me that the BBS is busy. If I anyone can pass along some helpful  
 >hints I would appreciate it. Like some of the others on here I am  
 >changing from AA4RE to F6FBB and this is a whole new ballgame.  
 >73 Tom KA2MYD  
 >  
 >  
 >  
 Hi Tom,

Not sure if your using windows 3.1 or win95..... but i do know that when  
 WinF6FBB runs the maintenance program, it will try to backup your files  
 to the B: drive... which is the default configuration. I simply leave  
 a floppy in my B: drive for it to do it's thing.... and haven't had a crash  
 or lockup in about 2 months now. Check your runfbb.bat file... and you'll  
 see what I mean about it copying files to the B: drive.  
 Hope that helps....

73 de Kirk -- N5PVS

---

|                   |                         |
|-------------------|-------------------------|
| Call sign:        | N5PVS                   |
| Internet address: | kfarm@rt66.com          |
| AX.25 address:    | N5PVS@N5PVS.NM.USA.NOAM |

---

### 38. Getting off of this ListServ?

From: Tim Tracy <tmt@bright.net>  
 Date: Sat, 09 Nov 1996 16:53:36 -0500  
 To: bbssig@tapr.org  
 Message-ID: <3284FD60.5FC2@bright.net>  
 Rendered body type: text/plain

Can someone please tell me how to get off of this ListServ? I am not  
 even sure how I managed to get on it! Thanks for all INFO in advance!  
 Please reply directly to me!

-----  
 Tim M. Tracy  
 tmt@bright.net

### 39. The Great WORLI Debate

From: Phillip Conza <phil@z12tze.mlb.planet.gen.nz>  
 Date: Sun, 10 Nov 1996 11:07:53 +1200  
 To: bbssig@tapr.org  
 Message-ID: <3286604d.z12tze@z12tze.mlb.planet.gen.nz>  
 Rendered body type: text/plain

Hi Guys,

This has just about run its course I am sure but I would like to ask  
 others that use FBB and NNA software a question or 2..

Now I run many different Servers, REQWP , REQCB, CLIVE , AUTO7P , LSERV,  
 CCLIST , MULTI ,REQBBS , TT , REQKEPS, REQXXE, REQINF , REQDIR , REQSCN ,  
 REQUEUE , REQDX , REQUL, WPAGE , REQINT plus servers for user groups that use  
 CCLIST , LSERV etc..

I spent the best part of 2 hours trying to get these SERVERS to send their  
 replies FROM themselves no luck they all had the BBS callsign in the FROM  
 Feild..

Can you add any more ..

Now to the Book Your Gateway To Packet Radio by Stan Horzempa WA1LOU

First up this book uses examples from W0RLI \ WA7MBL PBBS Software and makes many comments on Hanks program .

On Page 10-12

There is a Screen capture of either of these 2 BBS programs.

Underneath is the the information on what makes up the different Fileds, this is carried from page 10-10 , 10-11

Quote " Size : the size of the message in bytes  
To : the intended recipient of the message  
From : the Station that originated the message  
@ BBS: the intended destination PBBS of the message, if any  
Date :  
Title:

Now the interesting thing here is that in this Book, it classes the FROM Field as the Originating Station ..

Now for the average User a PBBS is made up of several components :

- 1/ The PBBS Software the guts of the PBBS
- 2/ Servers that allow users to Request Files, WPs.
- 3/ File storage area
- 4/ Mail area
- 5/ Some form of RF device or link to the Network
- 6/ A PC
- 7/ A Station Licence

All these make up a Packet Radio BBS Station , now the Servers are Part of that STATION and are not a seperate PBBS , so when the PBBS software detects one of these SERVERS it then sends it from that STATION not the server ..

Now as the time has gone on with this debate it appears that there are More than a few who have raised concern , I have counted about 50 messages asking it to STOP and only about 5 that support it.

Its Fine for users in the USA to say it is ok to send these messages FROM the server and not the station, but remember packet radio is world wide and there is a Network outside America that have different standards.

The other thing is that this is NOT NORMAL practise as most have only seen the STATION in the FROM Feild and this is NOW the NORM..

The other problem also seems to be with the Software writers, from what I have read and seen there is a great deivision between a few and from Hanks own comments these guys write BUGs into there Software..

I just wonder what would happen if all the PBBS software writes all got in 1 room what would happen ???

Anyone care to guess ??????

I agree to what Hank is trying to do but I disagree with the method as many have pointed out, I also disagree to those that bounce Hank's mail back as this to does nothing to improve the network.

If consolation was to of happened first instead of forcing an issue there would not of been such a reaction .

73 Phillip ZL2TZE

--

Phillip Conza

AX25

E-Mail private

ZL2TZE @ ZL2TZE.#73.NZL.OC

phil@zl2tze.mlb.planet.gen.nz

---

#### 40. Re: [BBSSIG:3772] Re: WinFBB help?

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>

Date: Sun, 10 Nov 1996 11:38:40 +1200

To: bbssig@tapr.org

Message-ID: <32867130.zl2tze@zl2tze.mlb.planet.gen.nz>  
Rendered body type: text/plain

Hi

Have you tried running WINDOWS on its own for a few days with various programs running ?

> Hi Mark;

>

> The computer is a Cyrix 5X86 133MHZ, 16MB ram, 1.0gig HD, 6X CDROM, sound card.

> Operating system:Windows-95

My experiance with these Cyrix based PC was not good they locked up just running Win 3.1x and Win95 with the added BBS software where found to be rather bad..

I can also say the same for the 386\486 versions with Cyrix chips..

> WinFBB runs OK until it is time for housekeeping. Then it craps out on me.

I can only suggest that you disable your CDROM, soundcard and start with the bare bones go from there until it crashes etc..

73 Phillip ZL2TZE

--

Phillip Conza

AX25

ZL2TZE @ ZL2TZE.#73.NZL.OC

E-Mail private

phil@zl2tze.mlb.planet.gen.nz

---

## 41. Re: [BBSSIG:3772] Re: WinFBB help?

From: KB6ZVP@aol.com  
Date: Sat, 9 Nov 1996 22:00:42 -0500  
To: bbssig@tapr.org  
Message-ID: <961109220041\_1483692119@emout03.mail.aol.com>  
Rendered body type: text/plain

Well Tom, this sounds like an interesting problem. But we can solve it together I think. Luckily we are both using a similar setup and Win95.

Here is my setup as an example. Compare and see if you can find any big problems. Hope it is not too big a file for the SIG. We can look at other areas in a later message after you examine these:

Autoexec.bat:

```
LH C:\WINDOWS\COMMAND\MSCDEX.EXE /S /D:MSCD001 /V /M:15
PATH=C:\WINDOWS;C:\WINDOWS\COMMAND;C:\;C:\MSCMOUSE;C\UTILS;C\FBB;C\FBB\BIN;
C\FBB\BPQ;D:\;D:\WISP
LH C:\MSCMOUSE\GMOUSE.COM
SET SOUND=C:\SB16
SET BLASTER=A220 I5 D1 H5 P330 T6
SET MIDI=SYNTH:1 MAP:E
C:\SB16\SB16SET /P /Q
PROMPT $p$g
SET TEMP=C:\TEMP
SET TZ=kdt-9
CD\FBB\BPQ
BPQCODE
```

Notes:

1. The first line is for my CD-ROM
2. The C:\UTILS is for all the various compression utilities used in WiSP and FBB, i.e. PKZIP etc.
3. WiSP is the satellite software.

Config.sys:

```
DEVICE=C:\WINDOWS\HIMEM.SYS
DEVICE=C:\WINDOWS\EMM386.EXE NOEMS
DOS=HIGH,UMB
BUFFERS=40,0
FILES=80
DEVICEHIGH=C:\SB16\DRV\CTSB16.SYS /UNIT=0 /BLASTER=A:220 I:5 D:1 H:5
DEVICEHIGH=C:\SB16\DRV\CTMMSYS.SYS
DEVICEHIGH=C:\SB16\DRV\SBCD.SYS /D:MSCD001 /P:220
logo=0
```

Notes:

1. Setting Files this high solved some crashes for me.

INIT.SRV:

```
# FBB7.00
#
#####
# INIT.SRV for FBB 7.00a #
# for KB6ZVP #
#####
#
# Set-up file
#
#
# Callsign and H-route of BBS, without SSID
KB6ZVP.#LIN.NC.USA.NOAM
#
# SSID of BBS
0
#
# Qra Locator of this BBS
FM05NF
#
# Qth of this BBS
Linden
#
# Directory of system files
C:\FBB\SYSTEM\
#
# Directory of message files
C:\FBB\MAIL\
#
# Directory of compressed files
C:\FBB\BINMAIL\
#
# Directory of users' DOS.
# Up to 8 drives (will appear as drive A: to H:) may be specified.
# These can be physical drives (disks/hard-disks) or direct on C:
*,*,C:\FBB\USERS\,D:\FBB\USERS\,*,*,*,*
#
# Directory of YAPP files
C:\FBB\USERS\YAPP\
#
# Directory of documentation files
C:\FBB\USERS\WFBB7XX\FBBDPCS\
#
# First name of SYSOP
Mark
#
# Callsign of SYSOP
KB6ZVP
#
# May have more callsigns, seperated by a space.
# Callsign (and route if needed) that will have copy of SYSOP messages
# ***** cancels.
*****
#
# Path and filename for import file
C:\FBB\MAIL.IN
#
# Type of video and time before screenblank
# Type: 0=CGA, 1=EGA, 2=VGA
# Screenblank: Number of no-activity minutes before blanking. 0=disable
2 0
#
#
# Full log (OK or NO)
OK
#
# Direct video (OK or NO)
OK
#
# Indication of channels (OK or NO)
OK
#
# Test mode (OK or NO)
NO
#
# Use (when possible) forward type FBB (OK or NO)
```



```
#####

# New in 5.15c45-51: Parametres:
# 1 : A space is mandatory before the @ in a send message command
# 2 : The length of the fields of a hierarchical address is not
#     tested to be 6 characters
# 4 : The header line of a message is not truncated to the space before
#     the 79th character
# 8 : Header MBL/RLI
# 16 : If there is no BBS field, the callsign of the BBS is sent to the PMS
# 32 : Deletes the DATA messages sent to SYSOP
# 64 : Don't use the BID recovered from headers and use a new one
# 128: Accepts forwarding only from pre-declared BBS
# 256: WP Messages are not held.
# 512: XForwarding protocole has priority on FBB protocole.
# 1024: Generation of an alternate BID like F6FBB-12345 (for dual BBS site)
# 2048: Checksum unvalidated on XFwd.
OK 32
#####

#
# Use (when possible) compressed forward (OK or N0)
#
# Add 1 if forward-resume is allowed (should normally be..)
#####

# New in 5.15c51:
# Add 2 if XFWD is allowed
OK 3
#####

# HROUTE look-up and database update validation (OK or N0)
OK
#
# User must give Name, HomeBBS, Qth and ZipCode (OK or N0)
OK
#
# First connection mask :
# 0 : Disable
# 1 : Excluded
# 2 : Local
# 4 : Expert
# 8 : Sysop
# 16 : BBS
# 32 : Pagination
# 64 : Guest
# 128 : Modem
# 256 : See-all-messages
# 512 : Unproto list asking is allowed
# 1024: List of new messages at logon
1184
#
#
# Security codes.
# Users can :
# 1 : Read all messages, including private messages
# 2 : Kill all messages
# 4 : Send SYS command
# 8 : Use remote sysop commands (edit, forward, etc...)
# 16 : Edit labels in YAPP, FBBDOS, DOCS
# 32 : Can delete files in YAPP, FBBDOS
# 64 : Have access to all gateways
# 128: Run DOS commands
# 256: Have access to the entire hard disk
# 512: Have access to commands /A (stop) and /R (Reboot)
# All: Sysop: Sysop after successful SYS-command:
64 68 1023
#
# New in 5.15b:
# Warning-messages to sysop:
# 1: Disk almost full (less than 1 Mb free)
# 2: Error in system-file (FORWARD, BBS, REJECT..)
# 4: Server-error
# 8: Ping-Pong
# 16: Missing forward-route
# 32: Missing NTS-route
# 64: Message not found
# 128: Error in forward-proposal
# 256: Message rejected at remote BBS
```

```

# 512: Message is being held at remote BBS
#
1023
# Time (hour) for housekeeping (cleanup of messages)
2
#
# Time-out for normal users and during forward:
10 10
#
# Max download-size (kilobytes) pr period for YAPP and via modem.
# 00 disable
0 0
#
# Hours +/- in relation to UTC
4
#
# Number of callsigns in mail beacon. B means include local bulletins.
0
#
# Number of lines in scroll buffers
#
# User Console Monitoring
1000 1000 1000
#
# Text for forward header (Do not change !)
#
[$c] FBB$E $$:$R
#
# Number of saved BIDs. Max 3000 if EMS/XMS is not used, else 32000
# Use as many as possible (depends on memory)
10000
#
# Lifetime for bulletins (days)
90
#
#####
# New in 515c7: OVR removed
# Use EMS (1), XMS (2), or none (0)
# In EMS/XMS: BID MSG HIE SCR WPG REJ FWD
1 BID MSG HIE SCR WPG REJ FWD
#
#####

#
# List of routes to send WP messages

#
#
# Zip of this BBS
28356
#
# Back number, delay, type of messages in unproto lists
# A = ACK-messages
# P = Personal messages to local users
# V = Personal messages in transit
# M = Subject is replaced with stars in personal mail
#
0 0 MAVP
#
# DRSI-interrupt (Hexadecimal, default 7c)
FE
# Programs to start just before BBS starts and shuts down
#
# BBS-UP program (default empty)

#
# BBS-DOWN program (default empty)

#
# Colour on texts :
#
# Black      : 0      Dark grey   : 8
# Blue       : 1      Light blue   : 9
# Green      : 2      Light green   : 10
# Cyan       : 3      Light cyan    : 11
# Red        : 4      Light red     : 12
# Magenta    : 5      Light magenta : 13
# Brown      : 6      Yellow        : 14
# Light grey : 7      White         : 15

```

```

#
#
# Background colors :
#
# Status (top)
1
# Separation (middle)
7
# Texts (bottom)
0
# Menues
4
#
#
# Foreground colors :
#
# Status (top)
7
# Separation (middle)
1
# Menues (bottom)
14
# Text sent
10
# Text received
12
# UI (headers)
15
# UI (text)
7
# Console
14
# Beacon
6
# Channel marking
11
#
-----
#
# List of servers :
# Internal servers REQCFG and WP new in 5.15
#
REQDIR  REQDIR.EXE      Request directory
REQFIL  REQFIL.EXE      Request file
REQKEP  REQKEP.EXE      Request Kepler Info
FNDFIL  FNDFIL.EXE      Find File Server
REQCFG  *****        Request configuration
WP       *****        Request White pages info
MULTI   MULTI          Multi-server, default language (english)
MULTIF  MULTI          Multi-server, french language
MULTIH  MULTI          Multi-server, dutch language
MULTIN  MULTI          Multi-server, norwegian language
AUT07P  AUT07P          Automatic enc/decoding 7plus files
LSERV   LSERV           List Server
GWNODE  LSERV           List Server for Satellite Gateway
#
# End of INIT.SRV file
#

```

Notes:

1. It is best to edit this with the built in editor in WinFBB.

BPQCFG.TXT:

```

;      For Version 4.08
;
;
;      CONFIGURATION FILE FOR G8BPQ SWITCH SOFTWARE
;
;      The program which converts this text file to binary
;      form is currently very crude - be VERY careful when
;      editing this file!
;
;
;      The order of parameters in not important, but they
;      all must be specified - there are no defaults
;

```

```

;
;
HOSTINTERRUPT=126 ; Sets the Interrupt used to access BPQ Host Mode. Will
                  ; normally be 127, but may be changed if this clashes with
                  ; other software. BTRIEVE seems to use 127, so if you are
                  ; using it, try INTERRUPT=126

;
; Memory Usage. If EMS=1, the system will attempt to put its
; data area into EMS Memory. At the moment it makes no attempt
; to manage sharing of the EMS window, so you must not run any other
; software using EMS.
;
; Setting EMS=1 seems to cause problems with Desqview. I suggest it
; is only used with non-DV installations.
;
;
EMS=0              ; dont use EMS RAM
;
; I seem to have problems with systems not using DESQVIEW - especially
; NNA BBS's. The DV calls SHOULD be ignored if DV is not loaded, but
; just in case, if you set DESQVIEW=0, the 'Release Timeslice' call
; wont be used. MAKE SURE that you set DESQVIEW=1 if using DV, or
; performance will be seriously affected.
;
DESQVIEW=0
;
;
; Station Identification.
;
; If a user connects to the NODE Callsign or Alias, he is linked
; to the switch code, and can use normal NetRom/TheNet commands
;
; If he connects to the BBS Callsign or Alias he will be connected
; directly to a BBS port. If none are available, the connect will
; be rejected.
;
; Note that of you are running only a NODE (ie BBS=0), or
; or just a BBS (NODE=0), then you must still put in two pairs of calls,
; but they MUST be the SAME.
;
; If you are running both, the calls MUST be different

NODECALL=KB6ZVP-5      ; NODE CALLSIGN
NODEALIAS=LINDEN

BBSCALL=KB6ZVP         ; BBS CALLSIGN
BBSALIAS=SATBBS        ; BBS ALIAS

;
; 'ID' MESSAGE - SENT EVERY IDINTERVAL MINS
;
; WILL BE ADDRESSED FROM THE PORT CALLSIGN (IF DEFINED)
; ELSE FROM THE NODE CALL
;
; The following format allows KA nodes to include your system in
; their 'Nodes' lists.
;
IDMSG:
Network node (Linden)
***
;
UNPROTO=MAIL          ; DEFAULT UNPROTO ADDR

;
; 'I' COMMAND TEXT
;
; Note that the bit about needing a port param in connects is only
; necessary if you are running more that one (radio) port.
;
INFOMSG:
KB6ZVP's Packet Switch in Linden, North Carolina. (FM05NF)
Commands are basically the same as NET/ROM, but to connect to another
normal station (not another node), you must specify a port number before
the callsign. Use PORTS command to list available ports. The BBS command
connects you to the associated Mailbox (KB6ZVP).
***
;
;

```

```

; CTEXT - Normally will only be sent when someone connects to
; the NODE ALIAS at level 2. If FULL_CTEXT is set to 1, it
; will be sent to all connectees. Note that this could confuse BBS
; forwarding connect scripts.
;
CTEXT:
Welcome to KB6ZVP's Packet Switch in Linden, North Carolina.
Type ? for list of available commands.
***

FULL_CTEXT=0 ; SEND CTEXT ONLY TO L2 CONNECTEES TO ALIAS

; Network System Parameters
;
OBSINIT=5 ; INITIAL OBSOLESCENCE VALUE
OBSMIN=4 ; MINIMUM TO BROADCAST
NODESINTERVAL=30 ; 'NODES' INTERVAL IN MINS
IDINTERVAL=15 ; 'ID' BROADCAST INTERVAL (UK Regs require
; an AX25 ID every 15 mins)
;
BTINTERVAL=0 ; NO BEACONS

L3TIMETOLIVE=25 ; MAX L3 HOPS
L4RETRIES=3 ; LEVEL 4 RETRY COUNT
;
; I have seen suggestions that L4TIMEOUT should be increased to very
; high values (even as long as seven mins). Although 60 may be a bit
; short in some cases, I STRONGLY advise that you dont go much above
; 120 secs unless you understand ALL the implications.
;
; I've set TTL and TIMEOUT to the values agreed by the latest SYSOPS
; meeting - this does not imply that I agree with them!
;
L4TIMEOUT=120 ; LEVEL 4 TIMEOUT
L4DELAY=10 ; LEVEL 4 DELAYED ACK TIMER
L4WINDOW=4 ; DEFAULT LEVEL 4 WINDOW
;
MAXLINKS=30 ; MAX LEVEL 2 LINKS (UP,DOWN AND INTERNODE)
MAXNODES=120 ; MAX NODES IN SYSTEM
MAXROUTES=35 ; MAX ADJACENT NODES
MAXCIRCUITS=64 ; NUMBER OF L4 CIRCUITS
MINQUAL=10 ; MINIMUM QUALITY TO ADD TO NODES TABLE
BBSQUAL=30 ; BBS Quality relative to NODE - used to
; limit 'spread' of BBS through the network
; to your required service area. I've been
; asked to set a low default to encourage you
; to think about a suitable value. Max is 255

BUFFERS=255 ; PACKET BUFFERS - 255 MEANS ALLOCATE AS MANY
; AS POSSIBLE - NORMALLY ABOUT 130, DEPENDING
; ON OTHER TABLE SIZES

;
; TNC DEFAULT PARAMS
;
PACLEN=120 ; MAX PACKET SIZE
;
; PACLEN is a problem! The ideal size depends on the link(s) over
; which a packet will be sent. For a session involving another node,
; we have no idea what is at the far end. Ideally each node should have
; the capability to combine and then refragment messages to suit each
; link segment - maybe when there are more of my nodes about than 'real'
; ones, i'll do it. When the node is accessed directly, things are a
; bit easier, as we know at least something about the link. So, from
; Version 3.11 onwards, there are two PACLEN params, one here and
; one in the PORTS section. This one is used to set the initial value
; for sessions via other nodes, and for sessions initiated from here.
; The other is used for incoming direct (Level 2) sessions. In all cases
; the TNC PACLEN command can be used to override the defaults.
;
; The main reason for changing this now was a request from someone
; wanting to run an HF port.
;
;
;
;
TRANSDELAY=1 ; TRANSPARENT MODE SEND DELAY - 1 SEC
;
; Level 2 Parameters
;
; T1, T2 and N2 are now int the PORTS section

```

```

;
T3=180                                ; LINK VALIDATION TIMER (3 MINS)

IDLETIME=900                          ; IDLE LINK SHUTDOWN TIMER (15 MINS)
;
;
; Configuration Options
;
BBS=1                                ; INCLUDE BBS SUPPORT
NODE=1                               ; INCLUDE SWITCH SUPPORT
;
HIDENODES=0                          ; IF SET TO 1, NODES STARTING WITH # WILL
;                                ; ONLY BE DISPLAYED BY A NODES * COMMAND
;
; THE *** LINKED COMMAND IS INTENDED FOR USE BY GATEWAY SOFTWARE, AND
; CONCERN HAS BEEN EXPRESSED THAT IT COULD BE MISUSED. I RECOMMEND THAT
; IT IS DISABLED IF NOT NEEDED.
;
ENABLE_LINKED=Y                      ; CONTROLS PROCESSING OF *** LINKED COMMAND
;                                ; Y ALLOWS UNRESTRICTED USE
;                                ; A ALLOWS USE BY APPLICATION PROGRAM
;                                ; N (OR ANY OTHER VALUE) DISABLE
;
;
;
; 'COMBIOS' Port definitions.
;
; This section defines the virtual TNC's that the code supports.
;
; The basic format is:
;
; TNCPORT
;     COM=n                ; COMBIOS port number
;     APPLMASK=nn          ; Defaults to 1 (BBS)
;     APPLFLAGS=nn         ; Defaults to 6
; ENDPORT
;
; See APPLS.DOC for details on use of APPLFLAGS and APPLMASK
;
; Only TNC2 applications are supported through this interface.
; For information on using KISS or DEDHOST applications, see file
; DRIVERS.DOC
;
; Dont try to define more than 16 ports.
;
TNCPORT
COM=4
ENDPORT
;
;
; TNCPORT
; COM=3
; APPLFLAGS=4              ; NO 'CONNECTED' TO USERS
; ENDPORT
;
;
;
; AX25 PORT DEFINITIONS
;
; These define the external links - normally to radios, but possibly
; to other computers, modems, etc.
;
; The hardware type and protocol are now defined separately, but
; at the moment only a limited number of combinations are possible
;
; Interrupt levels may be shared by any cards with suitable
; hardware. Examples are all but the earliest DRSI cards, and
; a MS400 modified as described by AA4RE in his MBBIOS documentation.
;
; There is a significant overhead in using the shared interrupt
; feature - try to use it on relatively low speed links, and
; wath out for TX underruns/RX overruns.
;
;
; See file PORTS.DOC for full details of available paramters.
;
; Note that all timer values are in ms intervals. Most TNC's
; use different units for the various timers, so be careful!

```

```

;
; The timings are all derived from the PC's timer interrupt,
; who's frequency is about 18.2 HZ, so the resolution is only to
; approx 50ms.
;
;
PORT
    PORTNUM=1
    ID=FAY LAN (145.750)
    TYPE=ASYNC
    PROTOCOL=KISS
    IOADDR=2E8H
    INTLEVEL=7
    SPEED=9600
    CHANNEL=A
    QUALITY=10
    MAXFRAME=2
    TXDELAY=500
    SLOTTIME=1
    PERSIST=255
    FULLDUP=0
    FRACK=7000
    RESPTIME=500
    RETRIES=10
    PACLEN=120

ENDPORT

ROUTES:
;
; ROUTES TO LOCK IN
;
; specify Callsign, Quality and Port. You can now also specify
; MAXFRAME, FRACK, PACLEN (in that order) to override the port
; defaults.
;
;
;
KC4WPG-1,30,10
KC4WPG-2,30,10
***
;
; APPLICATIONS SUPPORTED
;
; UP TO 8 ENTRIES OF UP TO 12 BYTES EACH
;
; THE FIRST 3 ARE RESERVED FOR BBS, HOST, AND REMOTE SYSOP - YOU
; CAN DEFINE THE OTHERS AS YOU LIKE.
;
; FOR COMPATIBILITY WITH EARLIER VERSIONS, JUST ENTER APPLICATIONS=BBS
;
; NAMES STARTING WITH * ARE NOT INCLUDED IN 'VALID COMMANDS' DISPLA
;
APPLICATIONS=BBS/C KB6ZVP,*,*SYS
;
; NOTE THAT THE LAST ITEM CREATES A 'COMMAND ALIAS'. IF THE USER
; ENTERS 'CHAT' THIS IS CONVERTED BY THE SWITCH TO 'C NMCHAT'. THE
; TOTAL LENGTH OF THE PAIR CANNOT EXCEED 15 BYTES
;
;

RUNFBB.BAT

@echo off
rem
rem RUNFBB.BAT file (example)
rem
rem This files retrieves as an argument the option asked by RUNFBB.EXE
rem
rem This option may be START, STOP, RERUN, MAINT or ERROR.
rem
rem Only the part concerning the option will be executed.
rem
break off
rem
rem You must change this variable according to
rem the base directory of the installation
rem
set fbb=c:\FBB

```

```

rem don't forget the "goto end" at the end of each option
rem switches the option on command line
goto %1
:start *** START OF START script
cd %fbb%
goto end
rem *** END OF START script
:rerun *** START OF RERUN script
cd %fbb%
goto end
rem *** END OF RERUN script
:maint *** START OF MAINT script
@ECHO ON
set 7PMANAGER=KB6ZVP
cd %fbb%
echo
echo Saving system files ...
copy %fbb%\system\dirmes.sys C:\FBB\BACKUP
echo Running Auto7p ...
auto7p deletime 60
echo Running EpurMess ...
epurmess
echo Running EpurWp ...
epurwp 40 90
cd \fbb
report.exe
sleep 10

:amsat
cd %fbb%\system
tlabel
clr_user >> %fbb%\clr_user.res
cd %fbb%\system\sat
if not exist amsat.txt goto auto7p
satupdat amsat.txt > SATUPDAT.res
satupdat amsat.txt /n >> SATUPDAT.res
del amsat.txt

:auto7p
CD\FBB
auto7p INQUIRYFILE M_FILTER.FWD
auto7p AUTO7PCLOCK
rem *** Export des couriers
:auto_mail
:direct
goto end
rem ***** END OF MAINT script
:stop ***** START OF STOP script
goto end
rem ***** END OF STOP script
:error ***** START OF ERROR script
echo WFBB exited with ERRORLEVEL %2
goto end
rem ***** END OF ERROR script
:end

echo %1 script is finished.

```

Notes:

>>Snip

Not sure if your using windows 3.1 or win95..... but i do know that when WinF6FBB runs the maintenance program, it will try to backup your files to the B: drive... which is the default configuration. I simply leave a floppy in my B: drive for it to do it's thing.... and haven't had a crash or lockup in about 2 months now. Check your runfbb.bat file... and you'll see what I mean about it copying files to the B: drive.<<

Where it Backs Up is easy to change and will definately crash your system if there is no disk in the floppy drive. See above example for a suggested change.

73 - Mark, kb6zvp@aol.com

## 42. Re: [BBSSIG:3768] huh? "the BBS specification" ?

From: Hank Oredson <hank\_oredson@MENTORG.COM>  
Date: Sat, 09 Nov 1996 20:02:32 -0800  
To: bbssig@tapr.org



Message-ID: <1.5.4.32.19961110040232.00670c64@em-wv03>  
Rendered body type: text/plain

At 08:21 AM 11/9/96 -0600, you wrote:  
>A recent note from Hank Oredson, w0rli, contained:  
>  
>> If you check the BBS specification, you can tell what is allowed  
>> in this field. It says nothing about "callsign" ... just what  
>> characters are allowed.  
>  
> This is the second time this week I saw a reference to  
>  
> " the BBS specification ".  
>  
>  
> What, how, where, when, who is a " BBS specfication " ?

Lot of folks have asked that. Here it is:

- - - - - <snip here> - - - - -

Changes:

CTL-C not really restricted character?  
LF not used as alternate EOL  
Added info from AA4RE on "M in SID".  
Added info from W0RLI on "X in SID".

Legal character set for BID?

... Hank

BBS Interface Specification  
Working Draft  
11/28/93

Introduction  
Section 1 - Establishing connection  
Section 2 - Forwarding  
Section 3 - Reverse forwarding  
Section 4 - Forwarding to old BBSs  
Section 5 - Error Conditions  
Section 6 - BNF Summary  
Section 7 - Feature Letter Use

Current mailing list  
BBS\_authors@arasmith.com

bob@arasmith.com (Bob Arasmith, N0ARY)  
hank\_oredson@mentorg.com (Hank Oredson, W0RLI)  
wd6cmu@netcom.com (Eric Williams, WD6CMU)  
enge@almaden.ibm.com (Roy Engehausen, AA4RE)  
71151.720@CompuServe.COM (Victor Poor, W5SMM)  
blloyd@axion.bt.co.uk (Brian Lloyd, G1NNA)  
map@hopper.cba.csuohio.edu (Mike Pechura, WA8BXN)  
durham@w2xo.pgh.pa.us (James Durham, W2X0)  
johan@ece.orst.edu (Johannes Reinalda, WG7J)  
trentin@enac.dgac.fr (to J-P Roubelat, F6FBB)  
sproul@sproul.com (Mark Sproul, KB2ICI)  
mike@km6px.arasmith.com (Mike Stickney, KM6PX)  
70007.1365@compuserve.com (Ed Juge, W5T00)  
73126.3260@compuserve.com (Craig McCartney, WA8DRZ)  
bbr77@aol.com (Brian Riley, KA2BQE)

Via US Mail

Michael Jaggers, WB4TTZ  
1377 Columbia Ave, Franklin, TN 37064

Introduction -  
This document is meant to define the interaction between two BBSs exchanging messages. It is not the goal of the document to specify the interface of the future but merely represent what a BBS can be expected to see at the current time.

It is hoped that this specification will be followed by another that defines the base rules for all BBS programs to adopt. This should eliminate the current problems with incompatibilities and overloaded

operators. If you create a BBS to this specification you should be able to interconnect with virtually any BBS currently in use. Any extensions you add will put you at risk, the subsequent spec is to identify these areas.

In brief the following sequence of events takes place when the BBSs connect for forwarding:

| Master System<br>-----                                                  | Slave System<br>-----                                                   |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| {Connect}                                                               |                                                                         |
|                                                                         | [SID]<br>N9ZZZ >                                                        |
| [SID]                                                                   |                                                                         |
|                                                                         | >                                                                       |
| SB ARES @ ALLCA < W7ZZZ \$ARES0108                                      |                                                                         |
|                                                                         | OK                                                                      |
| message subject<br>message routing headers<br>message body<br>Control-Z |                                                                         |
|                                                                         | >                                                                       |
| SB WANT @ ALLUS < W8AAA \$1029_N0XYZ                                    |                                                                         |
|                                                                         | NO<br>>                                                                 |
| F>                                                                      |                                                                         |
|                                                                         | SP WA2ABC @ N2AAA < N9AAA                                               |
| OK                                                                      |                                                                         |
|                                                                         | message subject<br>message routing headers<br>message body<br>Control-Z |
| F>                                                                      |                                                                         |
|                                                                         | {Disconnect}                                                            |

This represents a simple example of connecting, establishing a common protocol, forwarding and reverse forwarding. This document will look more closely at each of these phases.

In the text the BBS initiating the connect will be referred to as the MASTER and the remote BBS will be referred to as the SLAVE.

Each command and exchange will be presented in BNF (Backus-Naur Form) which is a context-free grammar widely used to describe computer language syntax.

All commands and fields are case insensitive.

Meta-syntactic information

[x] = Optional: zero or one x  
(x y) = Grouping: treat multiple tokens as a single token  
<> = Set

Characters:

NUL = <0x00>  
CNTRL\_C = <0x03>  
TAB = <0x09>  
CR = <0x0D>  
LF = <0x0A>  
CNTRL\_Z = <0x1A>  
SP = <0x20>

Character sets:

```
ALPHA = <'A'-'Z'>
DIGIT = <'0'-'9'>
ALNUM = ALPHA | DIGIT
ASCII = <0x20-0x7F>
SPACE = SP | TAB
8BIT = <0x01 - 0xff, except CR, LF, CTRL_Z>
```

Character sequences:

```
EOL = CR | CR LF

NUMBER = DIGIT | NUMBER DIGIT
WHITE = SPACE | WHITE SPACE

ASCII_STR = ASCII | ASCII_STR ASCII
ALNUM_STR = ALNUM | ALNUM_STR ALNUM
8BIT_STR = 8BIT | 8BIT_STR 8BIT
```

Throughout this document we will present a verbose translation of the grammar highlighting any points that may not be obvious but could have significant affect. There will also be examples illustrating what can actually be expected.

## Section 1 - Establishing connection

When connecting to a BBS the first line the BBS sends must be the SID (System IDentifier). The SID is used to determine what features are supported by BBS. The existence of the SID implies that the system supports reverse forwarding and OK/NO message rejection. There still exist old BBS codes which do not present a SID at connect. Refer to Section 4 for information on forwarding to these old style BBS sytems.

SID sent by both MASTER and SLAVE

```
AUTHOR_ID = <ASCII_STR, except '[', ']' and '-'>
AUTHOR_DATA = <ASCII_STR, except '[' and ']'>
FEATURE = ALPHA [DIGIT]
FEATURE_LIST = FEATURE | FEATURE_LIST FEATURE
SID = "[" AUTHOR_ID "-" [AUTHOR_DATA "-"] FEATURE_LIST ["]" EOL
```

The AUTHOR\_ID and FEATURE\_SET must be present. If the optional AUTHOR\_DATA is present it must be separated from the other two fields by a '-'. AUTHOR\_DATA may contain the '-' character.

The AUTHOR\_ID and AUTHOR\_DATA are typically a portion of the authors callsign or BBS name and version number, respectively.

Each FEATURE consists of a letter, denoting the feature and an optional number, denoting the feature level. The absence of a version number implies version zero.

If BID's are supported, '\$' must be the last symbol in the FEATURE\_SET.

The recommended minimal support is BID and Hierarchical location identifiers. These are necessary for the proper operation of the network.

### EXAMPLE

```
[ZFJ-2.3-H$]
```

The original prompt received from the SLAVE BBS may contain additional information intended for users. As soon as the SID is received by the SLAVE BBS it should respond with an abbreviated PROMPT, with the ASCII\_STR field being empty.

## Section 2 - Forwarding

A message can either be rejected or accepted by the SLAVE. There are many reasons that the SLAVE may choose to reject a message but the most common will be duplicate bid, indicating the SLAVE already has the message. Here is an overview of the exchange.

ACCEPT EXCHANGE:

```
MASTER          SLAVE
```

```

-----
SEND_CMD
MESSAGE
REJECT EXCHANGE:
MASTER
-----
SEND_CMD

```

```

-----
PROMPT
RESPONSE (OK)
COMMENT
PROMPT

```

```

-----
SLAVE
-----
PROMPT
RESPONSE (NO)
PROMPT

```

The SLAVE indicates it's prepared to accept a command by issuing a PROMPT. The PROMPT is also used as an acknowledgement that the last message has been received.

The MASTER initiates the message exchange by issuing a SEND\_CMD. This command contains all the information necessary for the SLAVE to decide whether to ACCEPT or REJECT the message. It contains message type, destination, originator and possibly a bid.

```

COMMENT = <ASCII_STR, except '>'>
PROMPT = [COMMENT] ">" EOL

TYPE = 'B' | 'P' | 'T'
CALLSIGN = <ASCII_STR, except '@', '.', max length 6>
LOC = <ASCII_STR, except '@', '.', max length 6>
HLOC = LOC | <HLOC "." LOC, max length 31>
BBS = CALLSIGN ["." HLOC]
TO = CALLSIGN [WHITE "@" WHITE BBS]
FROM = CALLSIGN
BID = <ASCII_STR, max length 12>

SEND_CMD = "S" TYPE WHITE TO [WHITE "<" WHITE FROM] [WHITE "$" BID]

```

HLOC is the hierarchical location of the system. It is defined by the document "INTERNATIONAL ROUTING DESIGNATORS", ARRL Networking Conference Proceedings xxx.

The TO field commonly takes the following forms:

```

callsign @ BBS.hloc      ; N6ZFJ @ N6QMY.CA.USA.NA
category @ distrib      ; WANT @ ALLCA
category @ BBS.hloc     ; WANT @ N6QMY.CA.USA.NA
category @ distrib.hloc ; INFO @ ALLCA.CA.USA.NA

```

The first two are seen most often, but the other two forms are seen. The first two forms are also normally associated with the message type of PERSONAL and BULLETIN respectively.

White space is required on either side of the '@' and between the '<' and the sender's callsign. There cannot be white space between the '\$' and the BID.

#### EXAMPLE

```
SB WANT @ ALLSCV < N6ZFJ $2345_N6QMY
```

A "BID" (Bulletin Identifier) is associated with each Bulletin, and may be associated with any Personal message.

If a BID is not given explicitly when the message is entered into the system, and the message type requires a BID, one is created automatically from the message number and callsign of the system into which the message was initially entered.

#### NOTE:

It is suggested that a generated BID have the form nnn\_BBS, where nnn is the message number at the originating BBS system, and BBS is the callsign of the originating BBS system.

COMMON\_BID = MSG\_NUM "\_" CALLSIGN

BBS codes are free to create whatever form they wish as long as the length doesn't exceed 12 characters.

Messages to a distribution, whether they are bulletins or personal messages, must have a BID. Personal messages to a specific user may carry a BID if the user supplied one, but will not be given a default BID. NTS message never carry a BID.

The SLAVE BBS determines from the SEND\_CMD whether or not to accept the message. The reasons for rejection is usually that the message already exists on the SLAVE system (i.e. a duplicate BID), or possibly a system related problem.

Sent by SLAVE in response to SEND\_CMD (or by MASTER if in reverse forward mode).

RESPONSE = ACCEPT | REJECT

ACCEPT = "OK" [ WHITE COMMENT ] EOL

REJECT = "N" [ "O" ] [ WHITE COMMENT ] EOL

#### NOTE:

The syntax of responses has grown in a random fashion. Many BBS programs expect to see the entire words "OK" and "NO" while others simply look at the first letter. It is suggested that new BBS codes should present the words "NO" and "OK", but look for only the first letter. Doing so should ensure compatibility with existing BBS codes.

#### EXAMPLE

```
Master: SB WANT @ ALLCAN < N6ZFJ $4567_N0ARY
Slave: NO duplicate bid
Slave: >
```

```
Master: SB WANT @ ALLCAN < N6ZFJ $4567_N0ARY
Slave: OK #32190
Master: message body
Master: Control-Z
Slave: Message being held for sysop review
Slave: >
```

It is required that the "OK" and "NO" strings be followed by white space or EOL. Some BBS programs will fail to recognize them otherwise.

#### EXAMPLE

```
Master: SB WANT @ ALLCAN < N6ZFJ $4567_N0ARY
Slave: NO, already have it
Slave: >
```

This would fail with some existing BBS codes due to the comma following the "NO" string.

If the SLAVE BBS responds with a REJECT condition the message should not be sent and the MASTER should ignore any response from the SLAVE until PROMPT is encountered. The MASTER can then submit a new SEND\_CMD, initiate reverse forwarding or disconnect.

Once the SLAVE has issued the ACCEPT response, the MASTER BBS should immediately send the message subject, routing headers, message body and EOMA. The SLAVE will acknowledge with PROMPT once it receives an EOMA.

#### Message Routing Header

```
SUBJECT = <ASCII_STR, max length 79> EOL
YEAR    = DIGIT DIGIT
MONTH   = DIGIT DIGIT
DAY     = DIGIT DIGIT
HOUR    = DIGIT DIGIT
MINUTE  = DIGIT DIGIT
```

```
STAMP   = "R:" YEAR MONTH DAY "/" HOUR MINUTE ["Z"]
MSG_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>
```

```
HEADER1 = STAMP WHITE MSG_NUM "@" BBS EOL
HEADER2 = STAMP WHITE "@:" BBS WHITE [ASCII_STR] "#:" MSG_NUM [ASCII_STR]
```

HEADER = HEADER1 | HEADER2

Message structure

```
HEADERS = HEADER | HEADERS HEADER
EOMA = CNTRL_Z EOL
EOMB = EOL "/EX" EOL
BODY = 8BIT_STR | BODY EOL 8BIT_STR
MESSAGE = SUBJECT [HEADERS] EOL [BODY] (EOMA | EOMB)
```

EXAMPLE

Example message

```
R:930108/1729 @:N6QMY.#NOCAL.CA.USA.NA Fremont #:1114 Z:94536
R:930108/1259 1530@KA6FUB.#NOCAL.CA.USA.NA
R:930107/1638z @:WD6CMU.#NOCAL.CA.USA.NA "OSKbox" #:10576 Z:94805
R:930107/1045 50724@WX3K.#NOCAL.CA.USA.NA
```

message body will go here, the blank line above separates the body from the routing headers. When the body is through it should be terminated as follows:

^Z

NOTE:

Both forms of the header described above are seen, and should be parsed. In either case there may be comments found at the end of the header line, or between the BBS and the MSG\_NUM entries in HEADER2.

HEADER2 is derived from the header form used in early BBS codes. it allows additional information to be passed in the header and parsed if desired. Some examples of these additional fields seen are:

```
Z:zipcode
O:originator
$:bid
C:name_of_sysops_cat
```

NOTE:

The time stamp in the routing header must be in GMT. Some existing BBS codes provide the time stamp in other than GMT, and may include a time zone indicator after the time stamp. This should be considered in the design of header parsers.

Each system that handles the message places it's routing header at the top of the message headers before passing the message to the next BBS. The headers must begin in column 1. A blank line separates the routing headers from the body of the message.

The last (oldest) routing header shows the BBS where the message originated. This header is the only source for this information. The information about the originating BBS is used to create a return address for reply messages.

Here are two examples of the same header, in the two different formats:

```
R:930101/0000 1530@KA6FUB.#NOCAL.CA.USA.NA
R:930101/0000 @:KA6FUB.#NOCAL.CA.USA.NA #:1530
```

These examples show the different syntax for the message number and originating BBS address. All fields not shown in the examples are optional at the discretion of the sysop.

### Section 3 - Reverse forwarding

Once all messages have either been successfully forwarded from the MASTER to the SLAVE, or been rejected by the SLAVE, the MASTER may accept messages from the SLAVE. i.e. the MASTER and SLAVE exchange roles. This is called "reverse forwarding".

ACCEPT EXCHANGE:

|               |            |
|---------------|------------|
| MASTER        | SLAVE      |
| -----         | -----      |
|               | PROMPT ">" |
| REV_FWD "F>"  |            |
|               | SEND_CMD   |
| RESPONSE "OK" |            |
|               | MESSAGE    |
| COMMENT       |            |

REV\_FWD "F>"

REJECT EXCHANGE:

```
MASTER      SLAVE
-----
REV_FWD "F>" PROMPT ">"

RESPONSE "NO" SEND_CMD
REV_FWD "F>"
```

The MASTER indicates that it is ready to accept a message by answering the SLAVE's PROMPT, ">", with a REV\_FWD command, "F>". At that point the SLAVE issues a SEND\_CMD and the process continues as described in section 2 but with the rolls of MASTER and SLAVE reversed. The only difference is that the MASTER will always respond with REV\_FWD in place of PROMPT to indicate successful transfer.

REV\_FWD = "F>" EOL

The reverse forwarding phase is optional and is under the control of the MASTER. It can be terminated by any of the following:

SLAVE disconnects

SLAVE sends anything other than a legal SEND\_CMD

MASTER disconnects

MASTER sends anything other than "F>".

#### Section 4 - Forwarding to old BBSs

If the SLAVE does not return a SID then it is assumed that it will not support BIDs nor OK/NO message rejection.

The SLAVE indicates it is prepared to accept a command by issuing a PROMPT. This PROMPT is also an acknowledgement that the last message has been received.

The MASTER initiates the message exchange by issuing a SEND\_CMD with no HLOC or BID. The SLAVE has no way to reject the message so the MASTER proceeds to send the message subject and body without expecting acknowledgement from the SLAVE.

Since the SLAVE assumes a user is entering the message, it will display prompts to lead the user through the message sending process, asking for a subject, prompting for the message body, etc. The MASTER should consider this text to be part of the PROMPT and ignore it.

As in Section 2, the MASTER waits until PROMPT is received. This is the acknowledgement that the message has been recieved and the next message can be sent.

When the MASTER has no additional messages to send it disconnects from the SLAVE. Reverse forwarding is not supported in this situation.

#### Section 5 - Error Conditions

When an error of any nature is detected by either the MASTER or the SLAVE, that station will disconnect at once, without issuing a PROMPT.

#### Section 6 - BNF Summary

Meta-syntactic information.

[x] = Optional Zero or one x.  
(x y) = Grouping. Treat multiple tokens as single token.  
<> = Set.

Characters of interest.

TAB = <0x09>  
LF = <0x0a>  
CR = <0x0d>  
CNTRL\_Z = <0x1a>  
SP = <0x20>

Character sets of interest.

```
ALPHA      = <'A' - 'Z', 'a' - 'z'>
DIGIT      = <'0' - '9'>
ALNUM      = ALPHA | DIGIT
ASCII      = <0x20 - 0x7f>
SPACE      = SP | TAB
8BIT       = <0x01 - 0xff, except CR, LF, CTRL_Z>
```

Character sequences of interest.

```
EOL        = CR | CR LF

NUMBER     = DIGIT | NUMBER DIGIT
WHITE      = SPACE | WHITE SPACE

ASCII_STR  = ASCII | ASCII_STR ASCII
ALNUM_STR  = ALNUM | ALNUM_STR ALNUM
8BIT_STR   = 8BIT | 8BIT_STR 8BIT
```

System identifier syntax.

```
AUTHOR_ID  = <ASCII_STR, except '[', ']', '-'>
AUTHOR_DATA = <ASCII_STR, except '[', ']'>
FEATURE    = ALPHA [DIGIT]
FEATURE_LIST = FEATURE | FEATURE_LIST FEATURE
SID        = "[" AUTHOR_ID ["-" AUTHOR_DATA] "-" FEATURE_LIST "]" EOL
```

System Prompt syntax.

```
COMMENT    = <ASCII_STR, except '>'>
PROMPT     = [COMMENT] ">" EOL
```

Send Command syntax.

```
TYPE       = 'B' | 'P' | 'T'
CALLSIGN   = <ASCII_STR, except '@', '.', ' ', max length 6>
LOC        = <ASCII_STR, except '@', '.', ' ', max length 6>
HLOC       = <LOC | HLOC "." LOC, max length 31>
BBS        = CALLSIGN [ "." HLOC ]
TO         = CALLSIGN [ ("@" | WHITE "@" WHITE) BBS ]
FROM       = CALLSIGN
BID        = <ASCII_STR, except ' ', max length 12>
SEND       = "S" TYPE WHITE TO [WHITE "<" WHITE FROM] [WHITE "$" [BID]]
```

Message syntax.

```
SUBJECT    = <ASCII_STR, max length 79> EOL

YEAR       = DIGIT DIGIT
MONTH      = DIGIT DIGIT
DAY        = DIGIT DIGIT
HOUR       = DIGIT DIGIT
MINUTE     = DIGIT DIGIT
STAMP      = "R:" YEAR MONTH DAY "/" HOUR MINUTE
MSG_NUM    = <NUMBER, range 1 - 65535>
HEADER1    = STAMP WHITE MSG_NUM "@" BBS EOL
HEADER2    = STAMP WHITE "@" BBS WHITE [ASCII_STR] "#:" MSG_NUM [ASCII_STR]
HEADER     = HEADER1 | HEADER2
HEADERS    = HEADER | HEADERS HEADER

BODY       = 8BIT_STR | BODY EOL 8BIT_STR
EOMA       = CTRL_Z EOL
EOMB       = EOL "/EX" EOL
MESSAGE    = SUBJECT [HEADERS] EOL [BODY] (EOMA | EOMB)
```

Standard message identification syntax.

```
MSG_ID     = MSG_NUM "_" CALLSIGN
```

## Section 7 - Feature Letter Use

Feature \$:

Supports BIDs.  
This feature must be supported.



Feature A:

F6FBB - Acknowledge for personal messages.

Feature B:

F6FBB - Binary messages supported.

Feature C:

Obsolete: Supports automatic distribution of current date / time.  
(W0RLI, K0ZXF)

Feature F:

F6FBB - Batch forwarding protocol.

Feature H:

Supports Hierarchical Location designators.  
This feature must be supported.

Feature I:

Some transport mechanisms do not identify the calling station in the protocol as AX25 does. To handle this situation, a "null command" is defined as a line beginning with ';'. This allows the sending station to send callsigns to satisfy the regulations for station identification.

EXAMPLE

; W5SMM de W0RLI

The receiving station must ignore such lines.

Feature L:

Glnna - Compression.

Feature M:

For AA4RE systems:

Basic level ("M0")

MID = message identifier

Every message has a MID.

The MID looks like a "generated" BID (example 12345\_AA4RE).

The "M" letter in the SID indicates that a MID is to be transmitted with messages that have no BID.

Processing:

If a send command is received by a BBS with a MID, the program should determine if it is a duplicate. If it is, the program should respond with the usual "NO" as if it was matching a BID.

Feature R:

AA4RE - Extended reject responses.

OK

Yes, send to me. Note that no number is required. This may help eliminate phantom message numbers.

NO

This is a real dupe

REJECT

I can't handle this

LATER

Send to me later ...

The LATER is useful when you are already receiving a bulletin on one connect and someone else tries to send you the same bulletin.

REJECTed messages should be called to the attention of the SYSOP to see why the reject occurs.

The difference between NO and REJECT is whether or not SYSOP attention is needed.

Abbreviations are allowed: 1 Letter only ... 0 N L R

There must be a blank after the word or letter. This one is fine:

N Already have it.

This one is not correct:

REJECT, Something wrong

The comma is not allowed.

Feature S:

AA4RE - Extended "S" commands.

Feature X:

W0RLI - Supports ihave/iwant compressed batch forwarding.

A standard for Data compression during the forwarding  
of messages in the Amateur Radio BBS Network.

- o ihave/iwant variable batch size protocol
- o Feature letter X, commands SS, SX, SY.
- o lzh compression

-----  
Command Definitions and BNF description.  
-----

N = INTEGER, size 32 bits.  
protocol = TBD  
batch\_size = N  
file\_size = N  
msg\_count = <0 - 25>  
cksum = <file checksum>  
  
id = BID | MID CR  
ids = id | ids id  
  
byte = <0x00 - 0xff>  
bytes = byte | bytes byte  
  
ihave = "SX " msg\_count [" " protocol] [" " batch\_size] CR [ids]  
iwant = "SY " msg\_count CR [ids]  
isend = "SS " file\_size [" " cksum] CR bytes

For ihave:  
Protocol and batch\_size not used in initial implementation.  
Default protocol is: lzh compressed export/import file.

For iwant:  
SY means want only these.

Note that the SS command must terminate with CR, without LF.

The optional checksum is computed by summing all the bytes  
in the file as unsigned integers. Example code:

```
{  
    int byte;  
    unsigned int sum;  
  
    sum = 0;  
    for (all bytes in file) sum += byte;  
}
```

RFC-822 header fields used are:

To:  
From:  
Subject:  
Message-ID:  
X-msgtype:  
X-BID:

-----  
The basic interchange (example):  
-----

bn are BIDs (or MIDs if the message has no BID).  
m: is master, s: is slave.

m: SX 5  
m: b1  
m: b2  
m: b3  
m: b4  
m: b5

s: SY 3  
s: b1  
s: b3  
s: b5

m: SS 26545  
m: <sends 26545 byte file>

In the case of any error, the station noticing the error must disconnect.

-----  
With more detail of one implementation (MB/SERVER processing)  
-----

Maximum batch size defined globally (default), and per link.  
Ability to turn compression on/off (add/drop feature X in SID).

>From sending side:

MB:

Scan messages to find a batch just larger than max batch size.  
Keep record numbers and cc: id in list.  
Send ihave.  
Receive iwant.  
Mark all messages in ihave and not in iwant as forwarded (dup bid).  
Pass iwant list to SERVER in file.  
Wait for server acknowledge.

SERVER:

Create export file.  
Compress export file.  
Signal MB that compressed file ready to send.

MB:

Send isend, send the file.  
Receive prompt.  
Mark all messages in iwant as forwarded.

>From receiving side:

MB:

Receive ihave.  
Check bids in ihave.  
For all non-dup bids, make iwant list.  
Send iwant.  
Receive compressed file.  
Signal SERVER import file available.  
Send prompt.

SERVER:

Decompress file, import messages.

Section 8 - Import / Export files.

Import/Export files may contain any number of messages.  
Each message is terminated by EOMB

RFC-822 header use in import/export files.

The standard RFC-822 keywords which must be supported are:

To:  
From:  
Subject:

Message-ID:  
cc:

Extension keywords which must be supported are:

X-msgtype: (WØRLI)  
X-BBS-Msg-Type: (JNOS)  
  
X-BID: (WØRLI)  
  
X-BBS-Hold: (JNOS)  
X-Forwarded-To: (JNOS)

END OF SPEC

-----  
Hank Oredson - Mentor Graphics - Library Products Group  
e\_mail: Hank\_oredson@mentorg.com  
Phone: (503) 685-1325 FAX: (503) 685-1599

---

### 43. Re: huh? "the BBS specification" ?

From: aa7ya@juno.com  
Date: Sun, 10 Nov 1996 03:44:00 MST  
To: bbssig@tapr.org  
Message-ID: <19961110.034208.5375.1.aa7ya@juno.com>  
Rendered body type: text/plain

On Sat, 9 Nov 1996 22:03:37 -0600 (CST) Hank Oredson  
<hank\_oredson@mentorg.com> writes:

>At 08:21 AM 11/9/96 -0600, you wrote:  
>>A recent note from Hank Oredson, wØrli, contained:  
>>  
>>> If you check the BBS specification, you can tell what is allowed  
>>> in this field. It says nothing about "callsign" ... just what  
>>> characters are allowed.  
>>  
>> This is the second time this week I saw a reference to  
>>  
>> " the BBS specification ".  
>>  
>>  
>> What, how, where, when, who is a " BBS specfication " ?  
>  
>Lot of folks have asked that. Here it is:  
>  
>- - - - - <snip here> - - - - -

If you think that Hank made all this up, then you aren't  
using RLI software. It is one of the DOC files. I just  
read it over when I saw the message in regards to  
"What is BBS specification?"

It's good reading....

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

### 44. Re: [BBSSIG:3778] Re: huh? "the BBS specification" ?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sun, 10 Nov 1996 06:28:48 -0700  
To: bbssig@tapr.org  
Message-ID: <199611101328.GAA11716@acca.nmsu.edu>  
Rendered body type: text/plain

At 10:03 PM 11/9/96 -0600, you wrote:  
>At 08:21 AM 11/9/96 -0600, you wrote:  
>

snip

>Lot of folks have asked that. Here it is:  
>  
>- - - - - <snip here> - - - - -  
>

>Changes:

Thank you Hank. I will put this in goodies and use it to comment when guys get so far off base next time. It's hard to believe all the bbs software talks to all the other bbs software! There must be some kind of "standard".

karl

---

## 45. winfbb help pk900

From: chuck simms <csimms@dave-world.net>  
Date: Fri, 11 Oct 1996 08:51:14 -0500  
To: bbssig@tapr.org  
Cc: csimms@dave-world.net  
Message-ID: <325E50D1.3345@dave-world.net>  
Rendered body type: text/plain

Hello I was just wondering if anybody is using a pk900 with winfbb, I can get it to transmit but not to rec. anything.  
Maby you can send me your initnc.sys file  
thanks and 73 de Chuck

---

## 46. Re: [BBSSIG:3781] winfbb help pk900

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sun, 10 Nov 1996 09:58:11 -0700  
To: bbssig@tapr.org  
Message-ID: <199611101658.JAA13585@acca.nmsu.edu>  
Rendered body type: text/plain

At 07:57 AM 11/10/96 -0600, you wrote:  
>Hello I was just wondering if anybody is using a pk900 with winfbb,  
>I can get it to transmit but not to rec. anything.  
>Maby you can send me your initnc.sys file  
>thanks and 73 de Chuck  
>

Hi Chuck, if your just starting out in using FBB than your problem is likely to be in port.sys where you define connections to tnc's. I have so much luck with the GPQ switch that I suggest you run that and get it working much faster.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 47. BIDCHK Program?

From: Marty Albert <marty@trucom.com>  
Date: Mon, 11 Nov 1996 00:00:20 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111060020.006727a4@mail.trucom.com>  
Rendered body type: text/plain

Hello, Folks:

I have been waiting for the BIDCHK program file(s) to show up on packet (as I recall Hank saying he had sent them out) but nothing so far.

I also understand that BIDCHK will work with FBB 5.15c and would like to evaluate the program for use here.

Is BIDCHK available via FTP from someplace?

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Are You A Pipe Smoker? Have A Look!  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

#### 48. Re: [BBSSIG:3778] Re: huh? "the BBS specification" ?

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Mon, 11 Nov 1996 11:02:45 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <19961111002.LAA08983@mis.dtek.chalmers.se>  
Rendered body type: text/plain

> At 08:21 AM 11/9/96 -0600, Hank Oredson wrote:  
...  
> > What, how, where, when, who is a " BBS specfication " ?  
>  
> Lot of folks have asked that. Here it is:  
...  
> BBS Interface Specification  
> Working Draft  
> 11/28/93

Strange. Havn't anything happend since then? A working draft from 1993 ough to be final soon, or...

> CALLSIGN = <ASCII\_STR, except '@', '.', max length 6>

Why max length of 6?

> LOC = <ASCII\_STR, except '@', '.', max length 6>

Why max length of 6?

> HLOC = LOC | <HLOC "." LOC, max length 31>

Why max length of 31

> TO = CALLSIGN [WHITE "@" WHITE BBS]

Why extra whites?

> BID = <ASCII\_STR, max length 12>

Why max length 12?

> COMMON\_BID = MSG\_NUM "\_" CALLSIGN

>

> BBS codes are free to create whatever form they wish as long as the  
> length doesn't exceed 12 characters.

Why a length of max 12 characters?

> Messages to a distribution, whether they are bulletins or personal  
> messages, must have a BID. Personal messages to a specific user may  
> carry a BID if the user supplied one, but will not be given a default  
> BID. NTS message never carry a BID.

Why use the terms MID and BID? Why not just call it Message-Id: and adopt the same standard as in RFC822?

> SUBJECT = <ASCII\_STR, max length 79> EOL

Why max length 79?

> STAMP = "R:" YEAR MONTH DAY "/" HOUR MINUTE ["Z"]  
> MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>

Why max 65535? This number isn't used for something special. It just shows the message number in that certain BBS. So why bother to set a limit so low to it?

> EOMA = CNTRL\_Z EOL

Wouldn't EOL CNTRL-Z EOL be better?

> Message-ID:

We ough to decide how to manage messages that come from the tcp/ip-world to the BBS-world, and vice versa (NO I am not talking about Internet forwarding here...)

How should the BID/MID/what\_ever be mapped into the RFC822 style?

> X-msgtype: (W0RLI)

> X-BBS-Msg-Type: (JNOS)

Why not adopt ONE standard for this?

> X-BID: (WØRLI)

Why?

>

> X-BBS-Hold: (JNOS)

> X-Forwarded-To: (JNOS)

These are internal to JNOS and shouldn't be transfered to other systems.

As I have written an SMTP/NNTP/BBSnet two-way gateway into my NOS I've realised a big problem. How to handle BID/MID/etc correctly. Just to get rid of duplicates at the NNTP side I have to do a number of scans thru the history file. So why not try to adopt the Message-Id:-standard in RFC822 into the BBS-(draft?)-standard?

And how to adopt the BID/MID/etc we have today into the RFC822-standard? I've seen a couple of differnet ways of doing this. (I'm using <BID@fwd\_bbs.bbs>, i.e. <1234\_sk6sa@sk6sa.bbs>)

As we have a trhee year old draft it migh be time to try to make it final? Or?

73 de Lars, sm6rpz

--

Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

#### 49. Re: [BBSSIG:3784] Re: huh? "the BBS specification" ?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 11 Nov 1996 06:06:50 -0700  
To: bbssig@tapr.org  
Message-ID: <199611111306.GAA01939@acca.nmsu.edu>  
Rendered body type: text/plain

At 04:06 AM 11/11/96 -0600, you wrote:

>> At 08:21 AM 11/9/96 -0600, Hank Oredson wrote:

>..

>> > What, how, where, when, who is a " BBS specfication " ?

>>Strange. Havn't anything happend since then? A working draft from >1993 ough to be final soon, or...

>

>> CALLSIGN = <ASCII\_STR, except '@', '.', max length 6>

>

>Why max length of 6?

>

This is a specification. In a specification you define how large counters or files can be.

>> LOC = <ASCII\_STR, except '@', '.', max length 6>

>

>Why max length of 6?

>

>> HLOC = LOC | <HLOC "." LOC, max length 31>

>

>Why max length of 31

>

>> TO = CALLSIGN [WHITE "@" WHITE BBS]

>

>Why extra whites?

>

>> BID = <ASCII\_STR, max length 12>

>

>Why max length 12?

>

>> COMMON\_BID = MSG\_NUM "\_" CALLSIGN

>>

>> BBS codes are free to create whatever form they wish as long as the length doesn't exceed 12 characters.

>

>Why a length of max 12 characters?

>

```
>> Messages to a distribution, whether they are bulletins or personal
>> messages, must have a BID. Personal messages to a specific user may
>> carry a BID if the user supplied one, but will not be given a default
>> BID. NTS message never carry a BID.
```

```
>
>Why use the terms MID and BID? Why not just call it Message-Id: and
>adopt the same standard as in RFC822?
```

```
>
>> SUBJECT = <ASCII_STR, max length 79> EOL
```

```
>
>Why max length 79?
```

This is DEFINED at 79 so the R: line header will be at most 1 line long. BBS sysops make it 125 sometimes...:-)

```
>
>> STAMP = "R:" YEAR MONTH DAY "/" HOUR MINUTE ["Z"]
>> MSG_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>
```

```
>
>Why max 65535? This number isn't used for something special. It just
>shows the message number in that certain BBS. So why bother to set
>a limit so low to it?
```

In computer coding you can use many types of counters. Each counter has a max number of counts before it overflows. If you want to use a very simple and fast counter it has a maximum of 65535. You can define a double long integer that goes out to several million, but it's more complex.

```
snip
```

```
>
>As we have a three year old draft it might be time to try to make
>it final? Or?
```

```
>
>73 de Lars, sm6rpz
```

```
>
>--
>Lars E Pettersson | Chalmers University of Technology
>d8lars@dtek.chalmers.se | Gothenburg
>http://www.dtek.chalmers.se/~d8lars/ | SWEDEN
```

Lars there are always changes to a standard. But not without discussion and re-discussion. Since the Standard is still in draft form it is still open to change with less problems. But there have not been any changes since 1993. Or there has not been a written Standard since then.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

## 50. Re: [BBSSIG:3785] Re: huh? "the BBS specification" ?

```
From: Lars Petterson <d8lars@dtek.chalmers.se>
Date: Mon, 11 Nov 1996 14:49:08 +0100 (MET)
To: bbssig@tapr.org
Message-ID: <199611111349.0AA19464@mis.dtek.chalmers.se>
Rendered body type: text/plain
```

At 04:06 AM 11/11/96 -0600, Karl aka k5di wrote:

```
> >> CALLSIGN = <ASCII_STR, except '@', '.', max length 6>
> >
> >Why max length of 6?
```

```
> >
> This is a specification. In a specification you define how large
> counters or files can be.
```

Yes, I DO know what a specification IS. But WHY was a length of 6 chosen? That was my question.

As one might have other stations under the same hierarcial adress it would be a bit wiser, in my opnion, NOT to include thsi kind of a limit. Or at least not that small.

Another thing is, why do some BBS-code writers not follow these specifications? We had problems using TCPIP.SK6SA.0.SWE.EU and according to the spec this is correct, but we still got problems



with the software (fbb).

```
> >>    SUBJECT = <ASCII_STR, max length 79> EOL
> >
> >Why max length 79?
>
>    This is DEFINED at 79 so the R: line header will be at most 1 line
> long. BBS sysops make it 125 sometimes...:-)
```

No problems allowing 125, or? I know that a certain software had huge problems with lines longer than 80 characters, but why follow a badly written software?

```
>    In computer coding you can use many types of counters. Each counter
> has a max number of counts before it overflows. If you want to use a very
> simple and fast counter it has a maximum of 65535. You can define a double
> long integer that goes out to several million, but it's more complex.
```

Not that more complex and with today's computers that is not that a big problem.

Don't the "big ones" use long integers for counters anyway?

```
>    Lars there are always changes to a standard. But not without
> discussion and re-discussion. Since the Standard is still in draft form it
> is still open to change with less problems. But there have not been any
> changes since 1993. Or there has not been a written Standard since then.
```

Ok, please consider the gateway problems I wrote about. Those have to be "standardized"! There are too many different ways of dealing with this out there.

73 de Lars, sm6rpz

```
--
Lars E Pettersson                | Chalmers University of Technology
d8lars@dtek.chalmers.se          | Gothenburg
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN
```

---

## 51. Re: [BBSSIG:3775] The Great W0RLI Debate

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 11 Nov 1996 06:32:11 -0700  
To: bbssig@tapr.org  
Message-ID: <199611111332.GAA02123@acca.nmsu.edu>  
Rendered body type: text/plain

At 05:47 PM 11/9/96 -0600, you wrote:

```
>Hi Guys,
>
>    This has just about run its course I am sure but I would like to ask
>others that use FBB and NNA software a question or 2..
>
>    snip
```

>Now to the Book Your Gateway To Packet Radio by Stan Horzepa WA1LOU

```
>
>>First up this book uses examples from W0RLI \ WA7MBL PBBS Software and makes
>many comments on Hanks program .
```

```
>
>>On Page 10-12
> There is a Screen capture of either of these 2 BBS programs.
```

```
>
>>Underneath is the the information on what makes up the different Fileds,
>this is carried from page 10-10 , 10-11
```

```
>
>>Quote " Size : the size of the message in bytes
>    To : the intended recipient of the message
>    From : the Station that originated the message
>    @ BBS: the intended destination PBBS of the message, if any
>    Date :
>    Title:
>
>
```

>Now the interesting thing here is that in this Book, it classes the FROM Field as the Originating Station ..

```
>
>    This is the case when the message is a mail message. It is not if
the message is a bulletin. Bulletins originate at the "server" (bbs). That
is why it is so important to hold and approve all bulletins ENTERED INTO
```

YOUR SERVER.

If, in any country, the content of a bulletin is deemed illegal it can be traced back to the originating bbs, but not to the sender.

>Now for the average User a PBBS is made up of several components :  
>  
>1/ The PBBS Software the guts of the PBBS  
>2/ Servers that allow users to Request Files, WPs.  
>3/ File storage area  
>4/ Mail area  
>5/ Some form of RF device or link to the Network  
>6/ A PC  
>7/ A Station Licence  
>  
>All these make up a Packet Radio BBS Station , now the Servers are Part of  
>that STATION and are not a seperate PBBS , so when the PBBS software detects  
>one of these SERVERS it then sends it from that STATION not the server ..

The entire PBBS Software is the "server". It is a server with many sub-servers.

snip

What Hank is saying very poorly, is that if his software looks at the from address it will not get a valid packet address. So his software will just send another bulletin to @USA or @WW that complains about a message having a bid problem.

Now having been a sysop for several years, I have looked for dupes by reading the R: lines. It works. And often the dupe is caused not by the originator, but someone else who had changed the bid.

Hank's software does not go to the detail necessary to send MAIL to the bbs causing the problem. I can do that, and even look up the guys phone number and call him.

So the real question is: What value does BidCheck give the network? The only one I see is it sends out a flurry of bulletins when a bid problem occurs.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 52. Re: [BBSSIG:3778] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Mon, 11 Nov 1996 09:51:52 -0800  
To: bbssig@tapr.org  
Message-ID: <328767B8.7020@erinet.com>  
Rendered body type: text/plain

Hank Oredson wrote:  
<snippity, snip, snip... and save to hard drive :-)>

Thanks-a-1,000,001.00, Hank:

And very nice looking work.

Now, if anyone doesn't like non-callsigns in the FROM FIELD, they can write/publish a RFC. Eh!?

73, Chuck nc8q

---

## 53. Re: [BBSSIG:3786] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Mon, 11 Nov 1996 10:48:42 -0800  
To: bbssig@tapr.org  
Message-ID: <3287750A.32B9@erinet.com>  
Rendered body type: text/plain

Lars Petterson wrote:  
>

```

> At 04:06 AM 11/11/96 -0600, Karl aka k5di wrote:
>
> > >> CALLSIGN = <ASCII_STR, except '@', '.', max length 6>
> > >
> > >Why max length of 6?
> > >
> > >
> > > This is a specification. In a specification you define how large
> > counters or files can be.
>
> Yes, I DO know what a specification IS. But WHY was a length of 6
> chosen? That was my question.
>
> As one might have other stations under the same hierarchical address
> it would be a bit wiser, in my opinion, NOT to include this kind
> of a limit. Or at least not that small.

All callsigns are 6 characters or less (?).

Alter the hierarchical address for each station:
sm6rpz.01.swe.eu
sm6rpz.02.swe.eu
sm6rpz.o'.swe.eu
sm6rpz.o`swe.eu.

>
> Another thing is, why do some BBS-code writers not follow these
> specifications? We had problems using TCP/IP.SK6SA.O.SWE.EU and
> according to the spec this is correct, but we still got problems
> with the software (fbb).
>
> > >> SUBJECT = <ASCII_STR, max length 79> EOL
> > >
> > >Why max length 79?
> > >
> > > This is DEFINED at 79 so the R: line header will be at most 1 line
> > long. BBS sysops make it 125 sometimes...:-)
>
> No problems allowing 125, or? I know that a certain software had huge
> problems with lines longer than 80 characters, but why follow a badly
> written software?

Do you need more than 79 characters for your header line ?
If yes, write a 'change' or issue a 'request for comments'.

>
> > > In computer coding you can use many types of counters. Each counter
> > > has a max number of counts before it overflows. If you want to use a very
> > > simple and fast counter it has a maximum of 65535. You can define a double
> > > long integer that goes out to several million, but it's more complex.
>
> Not that more complex and with today's computers that is not that a
> big problem.
>
> Don't the "big ones" use long integers for counters anyway?

Altering 'message_number' to long integer would require a change to
bid/mid length -- $:12345678901234567890@AB0CDE

Do you need to keep (& a history of) more than 65,535 messages?

>
> > > Lars there are always changes to a standard. But not without
> > > discussion and re-discussion. Since the Standard is still in draft form it
> > > is still open to change with less problems. But there have not been any
> > > changes since 1993. Or there has not been a written Standard since then.
>
> Ok, please consider the gateway problems I wrote about. Those have to
> be "standardized"! There are too many different ways of dealing
> with this out there.
>
> 73 de Lars, sm6rpz
>
> --
> Lars E Pettersson | Chalmers University of Technology
> d8lars@dtek.chalmers.se | Gothenburg
> http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

73, Chuck nc8q

```

## 54. Re: huh? "the BBS specification" ?

From: aa7ya@juno.com  
Date: Mon, 11 Nov 1996 08:56:12 MST  
To: bbssig@tapr.org  
Message-ID: <19961111.085352.5383.1.aa7ya@juno.com>  
Rendered body type: text/plain

On Mon, 11 Nov 1996 07:54:44 -0600 (CST) Lars Petterson  
<d8lars@dtek.chalmers.se> writes:

```
>
>At 04:06 AM 11/11/96 -0600, Karl aka k5di wrote:
>
>> >> CALLSIGN = <ASCII_STR, except '@', '.', max length 6>
>> >
>> >Why max length of 6?
>> >
>>
>> This is a specification. In a specification you define how
>>large counters or files can be.
>
>Yes, I DO know what a specification IS. But WHY was a length of 6
>chosen? That was my question.
```

If you knew the specification, then why are you asking to have it explained?

Callsigns are 6 characters at the most, and using characters such as '.,@' are called delimiting characters in the address field. In other words, letters after the delimiting characters would be wiped, but this is not true after the @, since H-addresses have #'s and .'s separating the address fields.

```
>Another thing is, why do some BBS-code writers not follow these
>specifications? We had problems using TCPIP.SK6SA.O.SWE.EU and
>according to the spec this is correct, but we still got problems
>with the software (fbb).
```

Generally the first field, where "TCPIP" is, is for CALLSIGN, not the name of your cat/dog/nickname. The reason for a conflict in the standard is that there really is no REAL standard, until it is in the final draft. You may recall Karl said that the standard has gone through many changes since 1993, and that is a good sign that there is no set standard.

```
>> >> SUBJECT = <ASCII_STR, max length 79> EOL
>> >
>> >Why max length 79?
```

Your screen is 80 characters long.

```
>>
>> This is DEFINED at 79 so the R: line header will be at most
>>1 line long. BBS sysops make it 125 sometimes...:-)
>
>No problems allowing 125, or? I know that a certain software had huge
>problems with lines longer than 80 characters, but why follow a badly
>written software?
```

If it was badly written software, why would you go through the pain and agony using it?

<snip, snip, snip>

```
>73 de Lars, sm6rpz
>
>--
>Lars E Pettersson | Chalmers University of
>Technology
>d8lars@dtek.chalmers.se | Gothenburg
>http://www.dtek.chalmers.se/~d8lars/ | SWEDEN
>
>
```

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 55. Do \_you\_ HOLD local users bulletins?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Mon, 11 Nov 1996 17:48:21 +0100  
To: bbssig@tapr.org  
Message-ID: <103010600aead06f1c09d@[160.45.235.156]>  
Rendered body type: text/plain

Hello,

I am interested to be told how you handle the HOLD feature in your bbs.

Do you put locally entered Mails/Bulletins/both on HOLD to check them?

Does legislation in your country requires that?

Do you use password authentication? If so, which method?

Currently, in german packet net, there is a controversial discussion on this item. Actually, we have heavy misuses by pirates.

Thank you for your info.

73 Joachim

-----  
Joachim Schurig,                   EMAIL:                   jschurig@zedat.fu-berlin.de  
DL8HBS                           WWW:                   http://userpage.fu-berlin.de/~jschurig/  
                                 HamRadio:                 DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

## 56. Re: [BBSSIG:3786] Re: huh? "the BBS specification" ?

From: Roy <garlic@garlic.com>  
Date: Mon, 11 Nov 1996 09:40:08 -0800  
To: bbssig@tapr.org  
Message-ID: <328764F8.3EB0@garlic.com>  
Rendered body type: text/plain

Many of the limitations on length, etc were to ensure compatability between BBS systems including the imbedded ones like KAM and PK-232.

Example: When many of the programs were designed, the longest amateur call was 6 characters so that was the spec.

The idea was that if you adhere to the specification, your program will interoperate any BBS. Nothing prevents you from exceeding the limitations of the specification as you understand the consequences. The AA4RE BBS has a limit of 8 characters in the call sign in order to handle MARS calls but it may not forward a message to a WA7MBL system where the limit is 6.

The draft spec was the last thing that was done. F6FBB never answered any of my messages about the spec and I don't thing Hank ever heard from him.

Roy, AA4RE

## 57. Re: [BBSSIG:3786] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 11 Nov 1996 10:08:16 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111180816.006852e0@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 07:54 AM 11/11/96 -0600, you wrote:

>

>At 04:06 AM 11/11/96 -0600, Karl aka k5di wrote:

>

>> >>       CALLSIGN =       <ASCII\_STR, except '@', '.', max length 6>

>> >

>> >Why max length of 6?

>> >

>>

>> This is a specification. In a specification you define how large  
>> counters or files can be.

To be very specific: this what is known as an "as is" specification.  
The work to create the "to be" specification has never been undertaken.

>Yes, I DO know what a specification IS. But WHY was a length of 6  
>chosen? That was my question.

See above ...

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 58. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 11 Nov 1996 10:08:17 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111180817.00698ac4@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 11:19 AM 11/11/96 -0600, you wrote:  
>Hello,  
>  
>I am interested to be told how you handle the HOLD feature in your bbs.  
>  
>Do you put locally entered Mails/Bulletins/both on HOLD to check them?

No. I trust myu users.

>  
>Does legislation in your country requires that?

No.

>  
>Do you use password authentication? If so, which method?

No. I trust my users.

>Currently, in german packet net, there is a controversial discussion on this  
>item. Actually, we have heavy misuses by pirates.

Too bad ... you need to find the pirates and get rid of them.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 59. Re: [BBSSIG:3784] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 11 Nov 1996 10:08:14 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111180814.0068656c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:06 AM 11/11/96 -0600, you wrote:  
>> At 08:21 AM 11/9/96 -0600, Hank Oredson wrote:  
>...  
>> > What, how, where, when, who is a " BBS specfication " ?  
>>  
>> Lot of folks have asked that. Here it is:  
>...  
>> BBS Interface Specification  
>> Working Draft  
>> 11/28/93  
>  
>Strange. Havn't anything happend since then? A working draft from  
>1993 ough to be final soon, or...

... the work was simply discontinued.

Keep in mind that this spec was created to document how existing  
systems actually worked, at the time it was written.

>

```
>> CALLSIGN = <ASCII_STR, except '@', '.', max length 6>
>
>Why max length of 6?
```

Because that is what the existing systems used.  
Same for all other comments.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.U.S.A.NOAM

---

## 60. Re: [BBSSIG:3783] BIDCHK Program?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 11 Nov 1996 10:08:10 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111180810.006878c8@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 12:03 AM 11/11/96 -0600, you wrote:  
>Hello, Folks:  
>  
>I have been waiting for the BIDCHK program file(s) to show up on packet (as  
>I recall Hank saying he had sent them out) but nothing so far.

Strange ... it arrived in South America last Friday.  
But what the heck, it's small, and is attached to this message.

>  
>I also understand that BIDCHK will work with FBB 5.15c and would like to  
>evaluate the program for use here.

N2QAE has it running with FBB.

>Is BIDCHK available via FTP from someplace?

Not yet, but it will be in my 19.13 release, to be uploaded  
to TAPR (and other places) this week.

>Thanks!

Any time!  
[Attachment: Bidchka.exe; application/octet-stream; 16,095 bytes]

---

## 61. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Mon, 11 Nov 1996 19:23:28 +0100  
To: bbssig@tapr.org  
Message-ID: <103010601aead0b52c802@[160.45.235.156]>  
Rendered body type: text/plain

At 09:50 Uhr -0600 11.11.1996, Charles E. Gelm wrote:  
>Lars Petterson wrote:  
>>  
>> At 04:06 AM 11/11/96 -0600, Karl aka k5di wrote:

>> Another thing is, why do some BBS-code writers not follow these  
>> specifications? We had problems using TCPIP.SK6SA.0.SWE.EU and  
>> according to the spec this is correct, but we still got problems  
>> with the software (fbb).

Hm, you're right. I made the same fault. Due to a syntax check in my bbs  
code preventing users typing flood distributed private mails. I think this  
is, BTW the main reason for such restrictions in bbs software: you try to  
correct users errors. And those of other bbs systems in your region. And  
others yours. Hanks BIDCHK shows one of these errors: We have bbs systems  
that change the from: field from "BIDCHG" to the callsign of the bbs that  
forwarded it to it. Amateur radio network has many problems of this kind,  
and writing a bbs you can not completely rely on the interface specs but  
have to accept that the world is not perfect. For this reason, Hanks BIDCHK  
is nonsense (sri). We knew before that errors occur, and Hank will be able  
to tell you some hundred more sources of errors, not related to BIDs. OK,  
off topic.

>> >            In computer coding you can use many types of counters. Each  
>>counter  
>> > has a max number of counts before it overflows. If you want to use a very  
>> > simple and fast counter it has a maximum of 65535. You can define a double  
>> > long integer that goes out to several million, but it's more complex.  
>>

>> Not that more complex and with todays computers that is not that a  
>> big problem.  
>>  
>> Don't the "big ones" use long integers for counters anyway?  
>  
> Altering 'message\_number' to long integer would require a change to  
> bid/mid length -- \$:12345678901234567890@AB0CDE

Message numbers are independent from BIDs/MIDs. You may style BIDs the way they look like your message numbers (+callsign), but you won't have to. Additionally, you don't need message numbers at all.

> Do you need to keep (& a history of) more than 65,535 messages?

Why not? I never understood why BIDs repeat themselves after 65.535 messages.

73 Joachim

-----  
Joachim Schurig,                   EMAIL:                   jschurig@zedat.fu-berlin.de  
DL8HBS                           WWW:       http://userpage.fu-berlin.de/~jschurig/  
                                 HamRadio:               DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

---

## 62. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Mon, 11 Nov 1996 15:21:18 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611112124.PAA09750@mail.texoma.net>  
Rendered body type: text/plain

-----  
> From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
> To: bbssig@tapr.org  
> Subject: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?  
> Date: Monday, November 11, 1996 11:19 AM  
>  
> Hello,  
>  
> I am interested to be told how you handle the HOLD feature in your bbs.  
>  
> Do you put locally entered Mails/Bulletins/both on HOLD to check them?

Yes.

>  
> Does legislation in your country requires that?

No, I could use a password system instead, but that requires more work and offers less protection. In any event, I share responsibility with the local user who enters a message or bulletin in my system, as the first forwarding station.

I personally review all messages originated on my BBS, before releasing them onto the network.

>  
> Do you use password authentication? If so, which method?  
>

No.

> Currently, in german packet net, there is a controversial discussion on  
this  
> item. Actually, we have heavy misuses by pirates.  
>

Hackers can often fool software, but it is hard to slip anything by an alert SYSOP who reviews all locally generated messages and bulletins before putting them on the network.

---

## 63. Re: [BBSSIG:3792] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 11 Nov 1996 13:32:39 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111213239.00686aa4@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 11:48 AM 11/11/96 -0600, you wrote:

>Many of the limitations on length, etc were to ensure compatability



>between BBS systems including the imbedded ones like KAM and PK-232.  
>  
>Example: When many of the programs were designed, the longest amateur  
>call was 6 characters so that was the spec.  
>  
>The idea was that if you adhere to the specification, your program  
>will interoperate any BBS. Nothing prevents you from exceeding the  
>limitations of the specification as you understand the consequences.  
>The AA4RE BBS has a limit of 8 characters in the call sign in order  
>to handle MARS calls but it may not forward a message to a WA7MBL  
>system where the limit is 6.  
>  
>The draft spec was the last thing that was done. F6FBB never answered  
>any of my messages about the spec and I don't thing Hank ever  
>heard from him.

Is true ... Jean-Paul never did take part, although there was  
an attempt to get him the transcripts of the discussion, and I  
think that quite a bit of it was translated into French so he  
could follow the sense of the discussion.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 64. Re: [BBSSIG:3797] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 11 Nov 1996 13:32:39 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961111213239.0067fe9c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 12:55 PM 11/11/96 -0600, you wrote:

>Message numbers are independent from BIDs/MIDs. You may style BIDs the way  
>they look like your message numbers (+callsign), but you won't have to.  
>Additionally, you don't need message numbers at all.

The spec requires message numbers to identify the message at  
each bbs it traverses.

>  
>> Do you need to keep (& a history of) more than 65,535 messages?  
>  
>Why not? I never understood why BIDs repeat themselves after 65.535 messages.

See the bbs spec for the original reason (default BID uses message  
number, message number is 1..65535)

>  
>73 Joachim  
>  
>-----  
>Joachim Schurig,                      EMAIL:                      jschurig@zedat.fu-berlin.de  
>DL8HBS                                WWW:                      http://userpage.fu-berlin.de/~jschurig/  
>                                        HamRadio:                      DL8HBS @ DB0GR.#BLN.DEU.EU  
>-----  
>  
>  
>  
>

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 65. Re: [BBSSIG:3792] Re: huh? "the BBS specification" ?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 11 Nov 1996 14:40:22 -0700  
To: bbssig@tapr.org  
Message-ID: <199611112140.0AA14252@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:48 AM 11/11/96 -0600, you wrote:

snip

>The draft spec was the last thing that was done. F6FBB never answered

>any of my messages about the spec and I don't thing Hank ever  
>heard from him.

I have heard that F6FBB's english is as good as my french. Do you  
think that might be why he never answered any of your messages?

>  
>Roy, AA4RE  
>  
>  
>  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 66. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 11 Nov 1996 14:40:18 -0700  
To: bbssig@tapr.org  
Message-ID: <199611112140.OAA14241@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:19 AM 11/11/96 -0600, you wrote:  
>Hello,  
>  
>I am interested to be told how you handle the HOLD feature in your bbs.

Joachim, the TNOS software has a switch which when told yes that  
makes every bulletin entered by a user, a H message. To send an H message  
the sysop must us a feature called MA (make available). FBB has a similar  
feature.

We do this in the USA because the FCC can fine us a lot of money if  
we let an illegal message leave our bbs.

>Thank you for your info.  
>  
>73 Joachim  
>  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 67. Re: [BBSSIG:3778] Re: huh? "the BBS specification" ?

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Mon, 11 Nov 1996 22:50:11  
To: bbssig@tapr.org, bbssig@tapr.org  
Message-ID: <237@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

I've been looking through the specification and see it has  
improved a little from the last version I had seen. But notice it  
has several spelling errors ;-) Also a few other points which I  
feel should have been addressed.

I appreciate that it is difficult to write such documents and I  
hope my comments are not be taken as criticism, but suggestions for  
improvements.

I have have only retained the section from the document that are  
commented on. Where I suggest corrections I have placed "\_" either  
side of the amendment.

A couple of my comments are really outside the specification  
document.

> BBS Interface Specification  
> Working Draft  
> 11/28/93  
>  
>  
> Section 2 - Forwarding  
>  
> The SLAVE indicates it's prepared to accept a command by issuing a PROMPT.

- > The PROMPT is also used as an acknowledgement that the last message
- > has been received.

Suggestion:

The SLAVE indicates it is prepared to accept a command by issuing a PROMPT. The PROMPT is also used as an acknowledgement that the last message has been received.

- > The MASTER initiates the message exchange by issuing a SEND\_CMD. This
- > command contains all the information necessary for the SLAVE to decide
- > whether to ACCEPT or REJECT the message. It contains message type,
- > destination, originator and possibly a bid.
- >

Suggestion:

The MASTER initiates the message exchange by issuing a SEND\_CMD. This command contains all the information necessary for the SLAVE to decide whether to ACCEPT or REJECT the message. It contains message type, destination, originator and possibly a bid.

- > TYPE = 'B' | 'P' | 'T'

While Bulletin and Personal message types are understood by the majority of users, does Traffic message need any explanation for non-USA stations? Certainly needs emphasising that Personal messages are not Private, as amateur radio is a public medium.

- > FROM = CALLSIGN

Note the description, FROM = CALLSIGN.

- >
- > callsign @ BBS.hloc ; N6ZFJ @ N6QMY.CA.USA.NA
- > category @ distrib ; WANT @ ALLCA
- > category @ BBS.hloc ; WANT @ N6QMY.CA.USA.NA
- > category @ distrib.hloc ; INFO @ ALLCA.CA.USA.NA
- >
- > The first two are seen most often, but the other two forms are seen.
- > The first two forms are also normally associated with the
- > message type of PERSONAL and BULLETIN respectively.

I wish that more effort was made by SYSOPS world wide to organise forwarding of bulletins to specified areas, rather than having to scatter bulletins around the world or local continent. So someone for example in USA could send to NZL, or from GBR you can send to CAN, etc.

- >
- > Message Routing Header
- >
- > SUBJECT = <ASCII\_STR, max length 79> EOL
- > YEAR = DIGIT DIGIT

What happens when we get to the year 2000??

- >
- > STAMP = "R:" YEAR MONTH DAY "/" HOUR MINUTE ["Z"]

Analysing message forwarding gets confusing when systems do not all use UTC/GMT/Z time standard. Is there not a requirement in most countries to keep log books in UTC?

- > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>

Why the restriction on the number? If a software author wishes to limit his program to only integer numbers, that is his/her choice.

- >
- > HEADER2 is derived from the header form used in early BBS codes.
- > it allows additional information to be passed in the header and parsed
- > if desired. Some examples of these additional fields seen are:

>  
 Suggestion:  
 it allows \_additional\_ information to be passed in the header and  
 parsed

> C:name\_of\_sysops\_cat

I'd rather kill the cat off ;-)  
 Though I understand that some authorities require the inclusion  
 of the SYSOPs callsign in the header.

>  
 > Section 3 - Reverse forwarding  
 >

> The MASTER indicates that it is ready to accept a message by answering  
 > the SLAVE's PROMPT, ">", with a REV\_FWD command, "F>". At that point the  
 > SLAVE issues a SEND\_CMD and the process continues as described in  
 > section 2 but with the rolls of MASTER and SLAVE reversed. The only  
 > difference is that the MASTER will always respond with REV\_FWD in  
 > place of PROMPT to indicate successful transfer.

Suggestion:  
 section 2 but with the \_roles\_ of MASTER and SLAVE reversed. The  
 only

>  
 > Section 6 - BNF Summary  
 >

What is BNF, please?

In conclusion, I would like to thank all those software authors  
 who have given freely of their time to write the various programs.  
 Also the many SysOps for the work they do in maintaining the  
 network, be that in running mailboxes or nodes and other links.

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

## 68. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: Brian Jones <bajones@larkhill.win-uk.net>  
 Date: Mon, 11 Nov 1996 20:11:11  
 To: bbssig@tapr.org  
 Cc: jschurig@zedat.fu-berlin.de  
 Message-ID: <236@larkhill.win-uk.net>  
 Rendered body type: text/plain

Greetings

>  
 >I am interested to be told how you handle the HOLD feature in your bbs.  
 >Do you put locally entered Mails/Bulletins/both on HOLD to check them?  
 >Does legislation in your country requires that?

It is not yet required by legislation that SysOps hold locally  
 input bulletins, but the Radiocommunications Agency recommend that  
 that all bulletins should be checked before release to the network.  
 Some new regulations are being considered for introduction next  
 year.

>Do you use password authentication? If so, which method?  
 >  
 >Currently, in german packet net, there is a controversial discussion on  
 >this item. Actually, we have heavy misuses by pirates.  
 >

Some mailboxes use passwords for all users, others have passwords for some users. While others do not bother at all! There is a small problem with some pirate activity.

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

---

## 69. Re: [BBSSIG:3801] Re: huh? "the BBS specification" ?

```
From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 11 Nov 1996 15:12:40 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961111231240.006adab4@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 03:44 PM 11/11/96 -0600, you wrote:
>At 11:48 AM 11/11/96 -0600, you wrote:
>
>                snip
>
>>The draft spec was the last thing that was done. F6FBB never answered
>>any of my messages about the spec and I don't thing Hank ever
>>heard from him.
>
>        I have heard that F6FBB's english is as good as my french. Do you
>think that might be why he never answered any of your messages?

Some of them were sent to him in French.
He did answer a few, but only a very few.

Hank Oredson @ Mentor Graphics           Library Operations
Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
```

---

## 70. Re: [BBSSIG:3803] Re: huh? "the BBS specification" ?

```
From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Mon, 11 Nov 1996 16:06:14 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961112000614.006b0bd8@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 05:10 PM 11/11/96 -0600, you wrote:
>Greetings
>
> I've been looking through the specification and see it has
>improved a little from the last version I had seen. But notice it
>has several spelling errors ;-) Also a few other points which I
>feel should have been addressed.

I moved the document into Word a couple years ago, and maintain
that version with any changes made to my software. That version
has been spell checked ...

> I appreciate that it is difficult to write such documents and I
>hope my comments are not be taken as criticism, but suggestions for
>improvements.
>
> I have have only retained the section from the document that are
>commented on. Where I suggest corrections I have placed "_" either
>side of the amendment.

There is only one problem ... there is no group working on the document,
so there is no place to submit updates or corrections. The master copy
(roughly the text I posted to this group) is "owned" by the ARRL, as
the product of the working group they sponsored.

N0ARY acted as moderator/editor for the effort, I acted as "tech writer".

<remainder removed>

Hank Oredson @ Mentor Graphics           Library Operations
Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
```

---

## 71. Re: [BBSSIG:3801] Re: huh? "the BBS specification" ?

From: Roy <garlic@garlic.com>  
Date: Mon, 11 Nov 1996 17:38:21 -0800  
To: bbssig@tapr.org  
Message-ID: <3287D50D.5BCB@garlic.com>  
Rendered body type: text/plain

Karl F. Larsen wrote:

>  
>  
> I have heard that F6FBB's english is as good as my french. Do you  
> think that might be why he never answered any of your messages?  
>

Give us credit for having more than a marble for a brain

---

## 72. Re: [BBSSIG:3803] Re: huh? "the BBS specification" ?

From: Roy <garlic@garlic.com>  
Date: Mon, 11 Nov 1996 17:42:36 -0800  
To: bbssig@tapr.org  
Message-ID: <3287D60C.4CDC@garlic.com>  
Rendered body type: text/plain

Brian Jones wrote:

>  
> > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
>  
> Why the restriction on the number? If a software author wishes to  
> limit his program to only integer numbers, that is his/her choice.  
>  
>

Because there are BBS programs that will DIE if you send it a number greater than 65535. Remember these are interoperability specifications (specifically forwarding).

---

## 73. PLEASE GET ME OFF OF THIS LISTSERV!

From: Tim Tracy <tmt@bright.net>  
Date: Mon, 11 Nov 1996 22:10:13 -0500  
To: bbssig@tapr.org  
Message-ID: <3287EA95.76EF@bright.net>  
Rendered body type: text/plain

Please can someone please get me off of this listserv? It is being sent to tbt@bright.net...! Please if anybody can do it.. or tell me how to do it!

-----  
Tim M. Tracy  
tmt@bright.net

---

## 74. Re: huh? "the BBS specification" ?

From: aa7ya@juno.com  
Date: Mon, 11 Nov 1996 17:42:34 MST  
To: bbssig@tapr.org  
Message-ID: <19961111.174010.5367.2.aa7ya@juno.com>  
Rendered body type: text/plain

On Mon, 11 Nov 1996 09:50:06 -0600 (CST) "Charles E. Gelm"  
<gelmce@erinet.com> writes:

>> As one might have other stations under the same hierarcial adress  
>> it would be a bit wiser, in my opnion, NOT to include thsi kind  
>> of a limit. Or at least not that small.  
>  
> All callsigns are 6 characters or less (?).

SM6RPZ = 6 letters

> Alter the hierarchical address for each station:  
> sm6rpz.o1.swe.eu  
> sm6rpz.o2.swe.eu  
> sm6rpz.o'.swe.eu  
> sm6rpz.o`.swe.eu.

This IS the BBS hierarchial address. Callsign is before the @ character.... CALL@BBSHADDRESS

> 73, Chuck nc8q

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 75. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: aa7ya@juno.com  
Date: Mon, 11 Nov 1996 17:31:56 MST  
To: bbssig@tapr.org  
Message-ID: <19961111.174010.5367.1.aa7ya@juno.com>  
Rendered body type: text/plain

On Mon, 11 Nov 1996 11:19:18 -0600 (CST) Joachim Schurig  
<jschurig@zedat.fu-berlin.de> writes:

>Do you put locally entered Mails/Bulletins/both on HOLD to check them?

NO.

>Does legislation in your country requires that?

NO.

>Do you use password authentication? If so, which method?

No password protection here.

>Currently, in german packet net, there is a controversial discussion on  
>this item. Actually, we have heavy misuses by pirates.

Granted your having discussions, but is ANYTHING being  
done about it?

>  
>Thank you for your info.

>  
>73 Joachim

>  
>  
>-----  
>Joachim Schurig, EMAIL:  
>jschurig@zedat.fu-berlin.de  
>DL8HBS WWW:  
>http://userpage.fu-berlin.de/~jschurig/  
> HamRadio: DL8HBS @  
>DB0GR.#BLN.DEU.EU  
>-----  
>  
>  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 76. Re: [BBSSIG:3786] Re: huh? "the BBS specification" ?

From: Barry Buelow WA0RJT <barry@ia.net>  
Date: Mon, 11 Nov 1996 21:20:12 -0600 (CST)  
To: bbssig@tapr.org  
Message-ID: <199611120320.VAA06782@zeus.ia.net>  
Rendered body type: text/plain

Folks,

The BBS spec is what it is based in large part on the history of evolution.  
There were times when the spec was evolving that many people contributed and  
some good discussions were had. NOARY put a lot of work into moderating  
and distilling discussions.

There were some BBS authors who were very active in discussing the spec  
and there were others who were not. Unfortunately, those with Internet  
access were able to speak up more often. I recall sending packets to  
Hank on my Xerox-820 with comments. It was all very fluid for what now  
seems like a very long time.

RFC-822 benefits from the structure of a support organization and an process that allows discussion, change, approval and some enforcement mechanism.

The BBS spec has a mechanism for discussion - both packet and this BBSSIG. The change is easy; Hank just types it in. Now, if someone would like to establish an approval and enforcement mechanism, I could die a happy man.

Note that enforcement has been mostly voluntary coding of spec elements into the BBS code by each author. Sysops continue to screw up configuration items like GMT, H address, etc.

Barry

---

## 77. ZRO to 788 error

From: Steve Ashenfelter <n8xsf@primenet.com>  
Date: Tue, 12 Nov 1996 00:15:11 -0500  
To: bbssig@tapr.org  
Message-ID: <199611120515.WAA22603@primenet.com>  
Rendered body type: text/plain

Below is what I sent to the F6FBB SIG. Any sugestions here?

Steve

>Date: Sun, 10 Nov 1996 23:20:09 -0500  
>To: F6FBB List  
>From: Steve Ashenfelter <n8xsf@primenet.com>  
>Subject: ZRO to 788 error  
>X-Attachments: A:\PROBLEM.TXT;  
>  
>I am trying to allow a modem port on fbb5.15c with fbbios44.com.  
>  
>Attached will be my config, autoexec, port and appel files.  
>  
>I need help. As soon as the BBS comes up, the program is just constantly posting on the 11th channel ZRO to 788 over and over again.  
>  
[Attachment: PROBLEM.TXT; text/plain; 2,802 bytes]

---

## 78. FAQ about BID, MID and LID....

From: Arthur J Martin <amartin@world2u.com>  
Date: Tue, 12 Nov 1996 01:01:31 -0500 (EST)  
To: bbssig@tapr.org  
Cc: Hank\_oredson@mentorg.com  
Message-ID: <199611120601.BAA00500@ants3.world2u.com>  
Rendered body type: text/plain

The following questions and answers may be useful to anyone who would like a relatively clear explanation of message IDs...

I asked the questions and Hank, W0RLI, provided answers in clear detail. There may be disagreement, but then the world isn't perfect, anymore...

=====

\*\*\*\*\* FAQ about BID, MID and LID \*\*\*\*\*

Question:

I admit to confusion on my part as to what the "real BID" is or why there is both a MID and a BID if only one unique ID is really needed per message.

Answer:

The BID is unique to the BODY of the message (thus the same BODY may be entered by different people at different BBS systems, but only one copy will ever appear at a given BBS.) The MID is unique to ANY message.

An example:

w0qrm enters a message with BID ORBS-297.M at w0rli, it is msg # 21

BID: ORBS-297.M  
MID: "Message 21 at W0RLI"

n7qsy enters a message with BID ORBS-297.M at wa7sjn, it is msg # 39



BID: ORBS-297.M  
MID: "Message 39 at WA7SJN"

Note that the display format of a MID is undefined, but the display format of a BID is just the BID text.

So let's say that the first message forwards to n2qae before the second one does. It then becomes (for example) message 397 at N2QAE. Is that it's BID? No. Is that it's MID? No. So we also have a LID (Local ID) which in this case is:

LID: "Message 397 at N2QAE"

Plus the BID and MID:

BID: ORBS-297.M  
MID: "Message 21 at W0RLI"

If some bbs attempts to forward the second message to you, it is rejected because you already have that message BODY, known by BID ORBS-297.M

Question:

I know I've asked this before, but if the message on the PBBS has the same unique ID that it started out with, we know that it did not create a duplicate getting here, even if there was a character dropped somewhere along the line (possible communication link problem, including the computer COMport/UART)

Answer:

Well, there is the problem noted above, of the THREE identities of a particular instance of a message. And that very same message, in some other instance of it's existence, may well have spawned a dup.

Question:

If the unique ID is different when it gets to my BBS, then a dupe may have been created and who knows where that will route to.

Answer:

Yes, that's right.

Question:

Is there enough data available in the message to be able to detect that type of \*ID change enroute with software and perhaps be able to identify the probable cause of the change in the \*ID?

Answer:

The only way to do more checks involves message content signatures.

Comment: I hope that the above will provide some food for thought about the whole topic of message identity.

Hank, W0RLI

=====  
Redirected to the bbssig@tapr.org  
73 de Art

+=====  
| Art Martin |  
| e-mail: amartin@world2u.com |  
| AX.25: N2QAE@N2QAE.#NNJ.NJ.USA.NA |  
+=====

## 79. Re: [BBSSIG:3813] ZRO to 788 error

From: "Dean R. Madsen KE0WO" <dmadsen@iastate.edu>  
Date: Tue, 12 Nov 1996 01:10:41 -0600  
To: bbssig@tapr.org  
Message-ID: <2.2.32.19961112071041.0068eb88@pop-1.iastate.edu>  
Rendered body type: text/plain  
> autoexec.bat  
>

```
>cd\bpq
>bpqcfg
>loadhigh bpqcode
>loadhigh bpqhntc2 10 1 1
```

Although this doesn't affect your modem, FBB doesn't need/use bpqhntc2.

```
>
>
>
```

```
port.sys
```

```
>#TNC NbCh Com MultCh PacIn Maxfr NbFwd MxBloc M/P-Fwd Mode Freq
>0 0 0 0 0 0 0 00/01 ---- File-fwd.
>1 4 8 0 250 1 1 5 00/60 UQYLW 1.2k
>2 4 8 1 250 1 1 5 15/30 UQYLW 9.6k
>3 2 8 2 250 1 1 5 30/30 UQY 441.05
>4 1 2 3 128 1 1 2 00/60 UM Modem
      ^ should be 1      ^ add an R if you
want to allow
```

Read-only mode.

```
> appel.bat
7>
>:suite
> cls
> echo Sorting HROUTE.SYS...
> copy \fbb\system\hroute.sys temp.$$$
> type temp.$$$ | sort | find /v "# " > \fbb\system\hroute.sys
> del temp.$$$
> echo
```

If you have the white pages enabled, you can delete the stuff dealing with the old Hroute system.

73,  
Dean - KE0WO

```
+++++
+ Dean R Madsen, KE0WO Computer Science Major +
+ Internet: dmadsen@iastate.edu Iowa State Univeristy +
+ ke0wo@iastate.edu Ames, Iowa +
+ AX25: KE0WO @ KE0WO.#WIA.IA.USA.NA FBB Beta tester Cellist +
+ Secretary for the Tristate Amateur Packet Association +
+ Treasurer for the Cyclone Amateur Radio Club +
+++++
```

## 80. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

```
From: Marty Albert <marty@trucom.com>
Date: Tue, 12 Nov 1996 01:32:11 -0600
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961112073211.0068c764@mail.trucom.com>
Rendered body type: text/plain
```

```
At 11:19 AM 11/11/96 -0600, Joachim Schurig DL8HBS wrote:
>Hello,
>
>I am interested to be told how you handle the HOLD feature in your bbs.
>
>Do you put locally entered Mails/Bulletins/both on HOLD to check them?
```

Yes, I hold all bulletins but not private mail. See below...

```
>Does legislation in your country requires that?
```

No, not at this time.

```
>Do you use password authentication? If so, which method?
```

Yes, I do... All users must have a password before they can send any message to anyone other than the SysOp (me). Most of my users only want to read messages, so most don't have passwords. My system is similar to that used by TheNet nodes.

```
>Currently, in german packet net, there is a controversial discussion on this
>item. Actually, we have heavy misuses by pirates.
```

Sorry to hear about the pirates.... Is anything actually being done to get rid of them or just discussions about them?

>Thank you for your info.

No problem!

>73 Joachim

Take Care & 73

Marty Albert - [marty@trucom.com](mailto:marty@trucom.com)  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

## 81. BBS Spec/FAQ BID-MID-LID

From: "Larry Kenney, WB9LOZ" <[lkenney@slip.net](mailto:lkenney@slip.net)>  
Date: Tue, 12 Nov 1996 01:40:16 -0800  
To: [bbssig@tapr.org](mailto:bbssig@tapr.org)  
Message-ID: <1.5.4.32.19961112094016.006e3ce4@pop.slip.net>  
Rendered body type: text/plain

My thanks go to Hank, W0RLI, for releasing the BBS Specification, and to Art, N2QAE, for the FAQ on BIDs, MIDs and LIDs.

Although I've been a sysop for more than 10 years, reading those two documents has provided me with a lot of insight and information. I wish I'd had a copy of both of them a long time ago! You'd think that after running a BBS for as long as I have I'd know this stuff. Nope...and I still have a lot to learn!

Thanks again!

Larry, WB9LOZ@W6PW.#NCA.CA.USA.NOAM  
[lkenney@slip.net](mailto:lkenney@slip.net)  
San Francisco

---

## 82. Re: [BBSSIG:3789] Re: huh? "the BBS specification" ?

From: Lars Petterson <[d8lars@dtek.chalmers.se](mailto:d8lars@dtek.chalmers.se)>  
Date: Tue, 12 Nov 1996 10:45:41 +0100 (MET)  
To: [bbssig@tapr.org](mailto:bbssig@tapr.org)  
Message-ID: <199611120945.KAA17374@mis.dtek.chalmers.se>  
Rendered body type: text/plain

Chuck, nc8q wrote:

> Lars Petterson wrote:

...

> All callsigns are 6 characters or less (?).

Yes, almost all, there are some exceptions, mainly special callsigns issued to celebrate something and so on.

By the way, JY1 is not allowed in fbb... :-)

> Alter the hierarchical address for each station:

> sm6rpz.o1.swe.eu

> sm6rpz.o2.swe.eu

> sm6rpz.o'.swe.eu

> sm6rpz.o`.swe.eu.

Noop, in Sweden we use our laens (=counties ?) between the callsign of the BBS and SWE.EU. So in this case O stands for the laen I live in.

As it is a hierarcial address it also ought to be hierarcial. I.e. SWE is under EU, O is under SWE, SK6SA is under O and TCP/IP is a bbs under the main BBS sk6sa.

We have three BBSes, the main one, SK6SA.O.SWE.EU, the tcp/ip one (gatewaying between the BBSnetwork and the ones working tcp/ip), TCP/IP.SK6SA.O.SWE.EU, and an amtor box, AMTOR.SK6SA.O.SWE.EU.

In our case all have 6 characters or less but we might add something more under the SK6SA.O.SWE.EU "domain" and that might not have 6 characters.

I can't see any reason at all to limit it to 6 characters.

> > No problems allowing 125, or? I know that a certain software had huge  
> > problems with lines longer than 80 characters, but why follow a badly  
> > written software?  
>  
> Do you need more than 79 characters for your header line?  
> If yes, write a 'change' or issue a 'request for comments'.

Not at the moment. I'm trying to get people to minimize the header line. But who knows what will happen in the future, so why limit it to just 79 characters?

As I recall it this length came because fbb couldn't handle lines longer than 79 characters (it still can't, try to send C-code thru couple of fbb-BBSes...), including header and text lines.

> Altering 'message\_number' to long integer would require a change to  
> bid/mid length -- \$:12345678901234567890@AB0CDE

No. BID/MID/what\_ever and the message number are NOT related to each other. Often the BID/MID/what\_ever uses the message number but it's not always the case.

As I'm for an acceptance of longer message-id:s I don't see the problem... :-)

> Do you need to keep (& a history of) more than 65,535 messages?

At the moment our history goes 10000 messages back (equals one month of messages in our area). In a couple of years we will probably hit the limit, 65535... You know, the amount of messages increases steadily.

> > Ok, please consider the gateway problems I wrote about. Those have to  
> > be "standardized"! There are too many different ways of dealing  
> > with this out there.

Anyone interested in standardizing the behaviour of the gateways?  
Am I alone?

73 de Lars, sm6rpz

--

Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
<http://www.dtek.chalmers.se/~d8lars/> | SWEDEN

---

### 83. Re: [BBSSIG:3790] Re: huh? "the BBS specification" ?

From: Lars Pettersson <d8lars@dtek.chalmers.se>  
Date: Tue, 12 Nov 1996 10:53:01 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611120953.KAA17776@mis.dtek.chalmers.se>  
Rendered body type: text/plain

Stacey, AA7YA wrote:

> If you knew the specification, then why are you  
> asking to have it explained?

Not to be explained. I wanted to know WHY the chosen length was chosen in the first place.

> Callsigns are 6 characters at the most,

Some special callsigns are longer. And who knows what kind of callsigns we will have in the future?

> Generally the first field, where "TCPIP" is, is for CALLSIGN,  
> not the name of your cat/dog/nickname.

As it is a hierarchical address we use SK6SA.O.SWE.EU as the main domain, just as the main domain for me on the Internet is chalmers.se, dtek.chalmers.se is just the Computer Science department. TCPIP would then be a domain under SK6SA.

> >> > Why max length 79?

>  
> Your screen is 80 characters long.

Usually long lines wrap... :-)

> >No problems allowing 125, or? I know that a certain software had huge  
> >problems with lines longer than 80 characters, but why follow a badly  
> >written software?  
>  
> If it was badly written software, why would you go through the  
> pain and agony using it?

It's a long story... It works OK as long as you stay clear  
of line lengths longer than 80 characters so the problem is not  
that big (usually...).

73 de Lars, sm6rpz

--  
Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

#### 84. Re: [BBSSIG:3800] Re: huh? "the BBS specification" ?

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Tue, 12 Nov 1996 10:59:46 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611120959.KAA18029@mis.dtek.chalmers.se>  
Rendered body type: text/plain

Hank Oredson wrote:  
> The spec requires message numbers to identify the message at  
> each bbs it traverses.

Fbb uses long int for the messages but sends messagenumber mod  
65535 in the R:-line. I.e. a cludge to stay within the spec.  
Is this good or bad? The messagenumber in the R:-line do not  
match with the one in the BBS, as it was/is supposed to do.

Limits that are to low creates problems and cludges like this  
and I don't think that is a good idea. But I might be wrong... :-)

> See the bbs spec for the original reason (default BID uses message  
> number, message number is 1..65535)

If you want the BID to stay inside the current limits use msgno mod  
65535. The number in the BID/MID/what\_ever do not corospond the  
message number as the number in the R:-line does.

73 de Lars, sm6rpz

--  
Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

#### 85. Re: [BBSSIG:3808] Re: huh? "the BBS specification" ?

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Tue, 12 Nov 1996 11:01:31 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611121001.LAA18161@mis.dtek.chalmers.se>  
Rendered body type: text/plain

> > > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
> ...  
> Because there are BBS programs that will DIE if you send it a number  
> greater than 65535. Remember these are interoperability  
> specifications (specifically forwarding).

Which BBS program uses the message number in the R:-line?  
And for what?

73 de Lars, sm6rpz

--  
Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

## 86. 'FLOOD' in 'FLOOD ROUTE' ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 12 Nov 1996 09:04:40 -0800  
To: bbssig@tapr.org  
Message-ID: <3288AE28.6ADA@erinet.com>  
Rendered body type: text/plain

Something I have noticed and is being reinforced by the 'I ain't seen BIDCHK messages yet...' responses to the recent/current thread(s) is that there seems to be several isolated @WW and @ USBBS flood distributions. There are several distinct and separate flood paths. I have been noticing others, here, commenting about a message distributed as @ USBBS, yet I never saw it in my area. And each time my LAN has a new 'gateway' join, I begin seeing @ WW and @ USBBS messages from new origin BBSs and new author callsigns.

In my area there just doesn't seem to be a true FLOOD of bulletins. Often I see @USBBS bulletins from stations in Canada within a few hours of their placement on a Canadian packet BBS, whereas it easily takes ten days for a @USBBS entered on a Ohio BBS, say 50 miles away, to reach my LAN.

I realize that there should not be any 'sin' in 'sincere', but should not there be a 'flood' in 'flood route'.

Best Regards,  
Chuck nc8q

p.s. I ain't seen any BIDCHK bulls either.

---

## 87. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Tue, 12 Nov 1996 15:00:52 +0100  
To: bbssig@tapr.org  
Message-ID: <103010601aeae2e6680d2@[160.45.235.156]>  
Rendered body type: text/plain

At 19:44 Uhr -0600 11.11.1996, Roy wrote:

>Karl F. Larsen wrote:

>>

>> I have heard that F6FBB's english is as good as my french. Do you  
>> think that might be why he never answered any of your messages?

>>

>

>

>Give us credit for having more than a marble for a brain

Hm. My french is better than my english, so I had no problems to communicate with Jean Paul. If you look for a complete documentation of FBB style forward, take a look at my documentation. Or were you looking for marbles?

-----  
Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de  
DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/  
HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

---

## 88. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Tue, 12 Nov 1996 14:38:08 +0100  
To: bbssig@tapr.org  
Message-ID: <103010600aeae176017ba@[160.45.235.156]>  
Rendered body type: text/plain

At 15:37 Uhr -0600 11.11.1996, Hank Oredson wrote:

>At 12:55 PM 11/11/96 -0600, you wrote:

>

>>Message numbers are independent from BIDs/MIDs. You may style BIDs the way  
>>they look like your message numbers (+callsign), but you won't have to.

>>Additionally, you don't need message numbers at all.

>

>The spec requires message numbers to identify the message at  
>each bbs it traverses.

OK, and what do you do if your software stores more than 65535 messages? Mine does. Unix time stamp is used to clearly identify them. But it is a 32 bit value. FBB uses an (upcounting) 32 bit value, too, and it ANDs the value with 0x0000FFFF when printing it in the header to match the header

conventions. I decided to omit the message number in the header, as a truncated value serves for nothing, at least not for identification.

And again my question: what helps it for anyone if he knows that message <x> was received at bbs <y> as the <nnnn>th message since overflow of the internal 16 bit counter?

>>> Do you need to keep (& a history of) more than 65,535 messages?  
>>  
>>Why not? I never understood why BIDs repeat themselves after 65.535 messages.  
>  
>See the bbs spec for the original reason (default BID uses message  
>number, message number is 1..65535)

Seems as if I get misunderstood. Why do you generate a BID with an algorithm that is unable to identify one specific message? At least if your bbs runs for some years? (ups, there it is again, the horrible "dupe" :))  
And if the protocol allows you a much wider range of generated BIDs than you do.

>Hank Oredson @ Mentor Graphics                      Library Operations  
>Internet        : hank\_oredson@mentorg.com        "Parts 'R Us!"  
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

To state it clearly: generate BIDs and MIDs and whatsoever the way you like it, most problems are only theoretic ones. But don't tell me that I have to use a message number that serves for nothing. At least not in some software.

Do I cause problems not supplying message numbers in the header?

73 Joachim

-----  
Joachim Schurig,                      EMAIL:                      jschurig@zedat.fu-berlin.de  
DL8HBS                                WWW:        http://userpage.fu-berlin.de/~jschurig/  
                                      HamRadio:                      DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

---

## 89. Re: [BBSSIG:3818] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 12 Nov 1996 10:24:48 -0800  
To: bbssig@tapr.org  
Message-ID: <3288C0F0.656A@erinet.com>  
Rendered body type: text/plain

Lars Petterson wrote:

I see a subset discussion re: BID/MID/LID & 'specification'

> Chuck, nc8q wrote:  
> > Lars Petterson wrote:<snip>  
> > Altering 'message\_number' to long integer would require a change to  
> > bid/mid length -- \$:12345678901234567890@AB0CDE  
>  
> No. BID/MID/what\_ever and the message number are NOT related to  
> each other. Often the BID/MID/what\_ever uses the message number  
> but it's not always the case.<end snip>

I feel that the answer is not "No."  
I feel that the answer is "Often".

What is your BID/MID/LID if you ( or a user ) enters:

bbs-prompt> SB HELP @ USBBS

and finishes their messages. What is the resultant  
BID=  
MID=  
LID=  
at your BBS ?

My resultant BID would be related to my BBS's message number.  
& MID & LID, too.

<snipped>  
> 73 de Lars, sm6rpz  
>

```
> --
> Lars E Pettersson | Chalmers University of Technology
> d8lars@ttek.chalmers.se | Gothenburg
> http://www.ttek.chalmers.se/~d8lars/ | SWEDEN
```

---

## 90. Re: [BBSSIG:3818] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Tue, 12 Nov 1996 10:43:01 -0800  
To: bbssig@tapr.org  
Message-ID: <3288C535.2689@erinet.com>  
Rendered body type: text/plain

Lars Petterson wrote:  
>  
> Chuck, nc8q wrote:  
> > Lars Petterson wrote:  
> ..  
> > All callsigns are 6 characters or less (?).  
>  
> Yes, almost all, there are some exceptions, mainly special callsigns  
> issued to celebrate something and so on.  
>  
> By the way, JY1 is not allowed in fbb... :-)  
> <snip>

How about 'to be compatible with tnc-2 MYCALL=' specification (?)

:-)

73, Chuck nc8q

---

## 91. Re: [BBSSIG:3808] Re: huh? "the BBS specification" ?

From: Paul Kearney <ei7gm@iol.ie>  
Date: Tue, 12 Nov 1996 15:47:40 +0000 (GMT)  
To: bbssig@tapr.org  
Message-ID: <Pine.sol.3.90.961112154514.4821C-100000@joyce.iol.ie>  
Rendered body type: text/plain

> > > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
> > Why the restriction on the number? If a software author wishes to  
> > limit his program to only integer numbers, that is his/her choice.  
> >  
> Because there are BBS programs that will DIE if you send it a number  
> greater than 65535. Remember these are interoperability  
> specifications (specifically forwarding).

Also some programs will get confused if 'they' detect a #:##### in the  
mail header where the actual number is greater than 65535.  
This first came to light when the first of the FBB systems went over  
the 65536 and so announced this in the mail headers.

```
00 0 0 0 0 0 0 0 00 0 00
0 0 0 0 00 0 0 0
0 00 0 0 0 0 0 00
```

Learn Braille while you can see - it's easier !

---

## 92. Re: [BBSSIG:3821] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Tue, 12 Nov 1996 10:48:30 -0800  
To: bbssig@tapr.org  
Message-ID: <3288C67E.70A4@erinet.com>  
Rendered body type: text/plain

Lars Petterson wrote:  
>  
> > > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
> ..  
> > Because there are BBS programs that will DIE if you send it a number  
> > greater than 65535. Remember these are interoperability  
> > specifications (specifically forwarding).  
>  
> Which BBS program uses the message number in the R:-line?  
> And for what?  
>  
> 73 de Lars, sm6rpz  
>  
> --



> Lars E Pettersson | Chalmers University of Technology  
> d8lars@dtek.chalmers.se | Gothenburg  
> http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

Hi, Lars:

Perhaps AA4RE v2.1r uses the first R: line to determine the MID.

73, Chuck nc8q

---

### 93. Re: [BBSSIG:3824] Re: huh? "the BBS specification" ?

From: "Edson W. R. Pereira" <ewp@uranus.healthnet.org>  
Date: Tue, 12 Nov 1996 15:49:55 +0000  
To: bbssig@tapr.org  
Message-ID: <Pine.3.89.9611121533.D12153-0100000@uranus>  
Rendered body type: text/plain

On Tue, 12 Nov 1996, Joachim Schurig wrote:

> OK, and what do you do if your software stores more than 65535 messages?  
> Mine does. Unix time stamp is used to clearly identify them. But it is a 32  
> bit value. FBB uses an (upcounting) 32 bit value, too, and it ANDs the  
> value with 0x0000FFFF when printing it in the header to match the header  
> conventions. I decided to omit the message number in the header, as a  
> truncated value serves for nothing, at least not for identification.  
>  
> And again my question: what helps it for anyone if he knows that message  
> <x> was received at bbs <y> as the <nnnnn>th message since overflow of the  
> internal 16 bit counter?  
>

Overflow is not the only problem. I have seen MANY BBS stations reset their message counters because they got too high or because they upgraded the software. This generates dupes every few months or even every few weeks. People do not seem to like having message numbers with many digits.

A BID/MID using a time stamp (32-bit integer) would solve that. The BID/MID would not just serve its purpose but would also show when the message was created.

-- Edson, N1VTN

---

### 94. Re: [BBSSIG:3823] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Tue, 12 Nov 1996 11:12:00 -0800  
To: bbssig@tapr.org  
Message-ID: <3288CC00.5BAC@erinet.com>  
Rendered body type: text/plain

Joachim Schurig wrote:

>  
> At 19:44 Uhr -0600 11.11.1996, Roy wrote:  
> >Karl F. Larsen wrote:  
> >>  
> >> I have heard that F6FBB's english is as good as my french. Do you  
> >> think that might be why he never answered any of your messages?  
> >>  
> >  
> >  
> >Give us credit for having more than a marble for a brain  
>  
> Hm. My french is better than my english, so I had no problems to  
> communicate with Jean Paul. If you look for a complete documentation of FBB  
> style forward, take a look at my documentation. Or were you looking for  
> marbles?  
>  
> -----  
> Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de  
> DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/  
> HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU  
> -----

Howdy, Joachim Schurig:

Okay, I'll have a look.

Where is it?

**95. Re: [BBSSIG:3824] Re: huh? "the BBS specification" ?**

From: "Charles E. Gelm" <gelmc@erinet.com>  
 Date: Tue, 12 Nov 1996 11:49:41 -0800  
 To: bbssig@tapr.org  
 Message-ID: <3288D4D5.168C@erinet.com>  
 Rendered body type: text/plain

Joachim Schurig wrote:

```
>
> At 15:37 Uhr -0600 11.11.1996, Hank Oredson wrote:
> >At 12:55 PM 11/11/96 -0600, you wrote:
> >
> >>Message numbers are independent from BIDs/MIDs. You may style BIDs the way
> >>they look like your message numbers (+callsign), but you won't have to.
> >>Additionally, you don't need message numbers at all.
> >
> >The spec requires message numbers to identify the message at
> >each bbs it traverses.
>
> OK, and what do you do if your software stores more than 65535 messages?
> Mine does. Unix time stamp is used to clearly identify them. But it is a 32
> bit value. FBB uses an (upcounting) 32 bit value, too, and it ANDs the
> value with 0x0000FFFF when printing it in the header to match the header
> conventions. I decided to omit the message number in the header, as a
> truncated value serves for nothing, at least not for identification.
>
> And again my question: what helps it for anyone if he knows that message
> <x> was received at bbs <y> as the <nnnnn>th message since overflow of the
> internal 16 bit counter?
>
> >>> Do you need to keep (& a history of) more than 65,535 messages?
> >>
> >>Why not? I never understood why BIDs repeat themselves after 65.535 messages.
> >>
> >See the bbs spec for the original reason (default BID uses message
> >number, message number is 1..65535)
>
> Seems as if I get misunderstood. Why do you generate a BID with an
> algorithm that is unable to identify one specific message? At least if your
> bbs runs for some years? (ups, there it is again, the horrible "dupe" :))
> And if the protocol allows you a much wider range of generated BIDs than
> you do.
>
> >Hank Oredson @ Mentor Graphics      Library Operations
> >Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
> >Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM
>
> To state it clearly: generate BIDs and MIDs and whatsoever the way you like
> it, most problems are only theoretic ones. But don't tell me that I have to
> use a message number that serves for nothing. At least not in some software.
>
> Do I cause problems not supplying message numbers in the header?
```

How do I refer to messages on your machine?

```
>
> 73 Joachim
>
> -----
> Joachim Schurig,      EMAIL:      jschurig@zedat.fu-berlin.de
> DL8HBS                WWW:      http://userpage.fu-berlin.de/~jschurig/
>                      HamRadio:    DL8HBS @ DB0GR.#BLN.DEU.EU
> -----
```

Howdy, Joachim Schurig:

I feel that we are missing something simple in this thread.

How do you find a 'specific' message on your machine?

How do I refer to a 'specific' message on your machine?

Just because a message has a unique BID doesn't mean it is not a 'dupe'.

Just because a message has a duplicate BID doesn't mean that the message body is duplicate. i.e. The BID was used once in 1988 and once in 1996 on different messages.

I don't forward messages over 365 days old, so I don't forward dupes that are older than 365 days.

I maintain a check list of BIDs that is less than 65,535 items.

Each arriving message is compared to this list.

Each arriving message's BID is 'shifted' onto this list and the oldest one goes into the 'bit bucket'.

I will accept a duplicated BID if the old BID has been shifted into the bit bucket. i.e. I will accept \$:1\_DL8HBS once a year, but not once a month (more or less).

...

Check me on this:

BIDs are used to flood messages and control duplicates.

MIDs are used to remotely refer to messages on others machines.

LIDs are used to locally refer to messages on my machine.

...

(if your real local message number is > 65535)

You can put your real message number in your header line as long as:

```
(
it isn't number@callsign
it isn't #:number (or '$:number' or ?: )
It is after R:YMMDDHHMM[z] [a]callsign )
```

and your header line is <= 79 characters

and my software (probably) will not complain.

73, Chuck

---

## 96. Re: [BBSSIG:3812] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 12 Nov 1996 09:51:11 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961112175111.006ab7b8@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 09:25 PM 11/11/96 -0600, Barry wrote:

<snip>

>The BBS spec has a mechanism for discussion - both packet and this BBSSIG.  
>The change is easy; Hank just types it in.

Yes, I will be glad to do that (and have in fact made the corrections noted by several folks). Guess I should post the document here from time to time. Can it also be placed somewhere on the TAPR site?

It is in Word now, so that might be a small problem for some folks ...

>Now, if someone would like to establish an approval and enforcement  
>mechanism, I could die a happy man.

As I remember, we did discuss this "at some length, with some heat" during the evolution of the spec ... and mostly came to the conclusion that peer pressure was the only lever we had.

<snip>

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

---

## 97. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: Mike Fahmie <MPFahmie@lbl.gov>  
Date: Tue, 12 Nov 1996 10:58:53 -0800  
To: bbssig@tapr.org

Message-ID: <199611121758.JAA04501@mh1.lbl.gov>

Rendered body type: text/plain

>Do you put locally entered Mails/Bulletins/both on HOLD to check them?  
Yes, I hold locally originated bulletins for review, I try to review several times per day so that traffic is not delayed.  
I do not review personal messages except for a couple of users who have earned special treatment.

>Does legislation in your country requires that?  
It does not specifically require review, however, sysops at the originating bbs are held responsible for content if they do not authenticate the user.

>Do you use password authentication? If so, which method?  
Yes, but only for one user who has requested it, evidently, someone was using his callsign and originating bogus traffic. I use the AA4RE bbs software and password authentication is a builtin option that can be applied on a user to user basis.  
>

73, Mike, WA6ZTY sysop N6EEG in Berkeley California.

Mike Fahmie - Advanced Light Source  
Lawrence Berkeley National Laboratory  
(510) 486-4030 - MPFahmie@lbl.gov  
WA6ZTY @ N6EEG

---

## 98. Re: [BBSSIG:3829] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>

Date: Tue, 12 Nov 1996 10:06:30 -0800

To: bbssig@tapr.org

Message-ID: <1.5.4.32.19961112180630.006a92a8@em-wv03.wv.mentorg.com>

Rendered body type: text/plain

At 09:54 AM 11/12/96 -0600, you wrote:

>

>

>On Tue, 12 Nov 1996, Joachim Schurig wrote:

>

>> OK, and what do you do if your software stores more than 65535 messages?  
>> Mine does. Unix time stamp is used to clearly identify them. But it is a 32  
>> bit value. FBB uses an (upcounting) 32 bit value, too, and it ANDs the  
>> value with 0x0000FFFF when printing it in the header to match the header  
>> conventions. I decided to omit the message number in the header, as a  
>> truncated value serves for nothing, at least not for identification.  
>>

>> And again my question: what helps it for anyone if he knows that message  
>> <x> was received at bbs <y> as the <nnnn>th message since overflow of the  
>> internal 16 bit counter?  
>>

>

>Overflow is not the only problem. I have seen MANY BBS stations reset  
>their message counters because they got too high or because they upgraded  
>the software. This generates dupes every few months or even every few  
>weeks. People do not seem to like having message numbers with many digits.  
>

>A BID/MID using a time stamp (32-bit integer) would solve that. The  
>BID/MID would not just serve its purpose but would also show when the  
>message was created.  
>

>-- Edson, N1VTN

For a new bbs specification (the "to be" spec) we might just point to some existing specs like RFC-822 (and it's updates), as well as other specs that treat, for example, usenet article identification. No need to make small changes in the spec, just a need to provide a way to translate during the transition process. There was some hope that \*NOS would provide this capability, but it has not yet come to pass. (No flames on this please, I \*have\* done my homework and verified that NO existing \*NOS handles the existing spec.)

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 99. Re: [BBSSIG:3821] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>

Date: Tue, 12 Nov 1996 10:06:29 -0800

To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961112180629.00696c6c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:03 AM 11/12/96 -0600, you wrote:  
>> > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
>..  
>> Because there are BBS programs that will DIE if you send it a number  
>> greater than 65535. Remember these are interoperability  
>> specifications (specifically forwarding).  
>  
>Which BBS program uses the message number in the R:-line?  
>And for what?

I have many small programs (and servers) that use the message numbers  
to identify the particular message instance ... for example one of those  
programs measures delay times across the forwarding links, another is  
(of course) BIDCHK ... <grin>

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 100. Re: [BBSSIG:3822] 'FLOOD' in 'FLOOD ROUTE' ?

From: Rod Fowler <k2adj@mosquito.com>  
Date: Tue, 12 Nov 1996 15:25:30 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611122025.PAA06212@itchy.mosquito.com>  
Rendered body type: text/plain

At 08:05 AM 11/12/96 -0600, you wrote:  
>Something I have noticed and is being reinforced by the  
>'I ain't seen BIDCHK messages yet...' responses to the recent/current  
>thread(s) is that there seems to be several isolated @WW and @ USBBS  
>flood distributions. There are several distinct and separate flood  
>paths.

Hi Chuck... The problem is that in many areas there is not enough band width  
in the Forwarding BackBone networks to facilitate the large amount of bulletins  
to be forwarded to everyone.. Some NODE ops, say NO BULLETINS on this or  
that node or network. So, in order for the P and T type mail to fly, the  
bulletins  
suffer.. There is no reason why you and the sysop of another BBS installing a  
proprietary linking between your two systems..

If you have a high speed linking with another BBS with a bulletin feed, ask him  
to send them to you but if the link is running at 1200 baud, forget it!  
Don't know how many bulletins you are receiving there Chuck, but my BBS here  
receives usually between 200-400 bulletins per day! The backbone around  
here does handle a lot of it and there are times when you can't get a packet  
in edgewize.. Worst part of all this there is no concerted effort to  
upgrade it!

73 de Rod

---

## 101. Re: [BBSSIG:3807] Re: huh? "the BBS specification" ?

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 12 Nov 1996 14:52:25 -0700  
To: bbssig@tapr.org  
Message-ID: <199611122152.OAA23307@acca.nmsu.edu>  
Rendered body type: text/plain

At 07:44 PM 11/11/96 -0600, you wrote:  
>Karl F. Larsen wrote:  
>>  
>> I have heard that F6FBB's english is as good as my french. Do you  
>> think that might be why he never answered any of your messages?  
>>  
>  
>  
>Give us credit for having more than a marble for a brain  
>  
>  
OK Roy, but I didn't know.  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

## 102. Re: [BBSSIG:3833] Re: Do \_you\_ HOLD local users bulletins?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 12 Nov 1996 14:06:52 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961112220652.0067blac@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 12:04 PM 11/12/96 -0600, you wrote:  
>  
>>Do you put locally entered Mails/Bulletins/both on HOLD to check them?  
>Yes, I hold locally originated bulletins for review, I try to review several  
>times per day so that traffic is not delayed.

This is interesting ... we run our network on a 5 minute forwarding cycle.  
So any pair of bbs systems forward with each other every 2.5 minutes.  
Users expect that there will not be "delays" beyond a few minutes to  
a few dozen minutes ... impossible to do this by hand.

<clip>

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

---

## 103. Re: [BBSSIG:3836] Re: 'FLOOD' in 'FLOOD ROUTE' ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 12 Nov 1996 14:26:51 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961112222651.006cc3b8@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 02:35 PM 11/12/96 -0600, you wrote:  
>At 08:05 AM 11/12/96 -0600, you wrote:  
>>Something I have noticed and is being reinforced by the  
>>'I ain't seen BIDCHK messages yet...' responses to the recent/current  
>>thread(s) is that there seems to be several isolated @WW and @ USBBS  
>>flood distributions. There are several distinct and separate flood  
>>paths.  
>  
>Hi Chuck... The problem is that in many areas there is not enough band width  
>in the Forwarding Backbone networks to facilitate the large amount of bulletins  
>to be forwarded to everyone.. Some NODE ops, say NO BULLETINS on this or  
>that node or network. So, in order for the P and T type mail to fly, the  
>bulletins  
>suffer.. There is no reason why you and the sysop of another BBS installing a  
>proprietary linking between your two systems..

And those 400 byte BIDCHK bulletins take up a HUGE amount of network time!  
Two or three full packets perhaps.

>  
>If you have a high speed linking with another BBS with a bulletin feed, ask  
him  
>to send them to you but if the link is running at 1200 baud, forget it!  
>Don't know how many bulletins you are receiving there Chuck, but my BBS here  
>receives usually between 200-400 bulletins per day! The backbone around  
>here does handle a lot of it and there are times when you can't get a packet  
>in edgewize.. Worst part of all this there is no concerted effort to  
>upgrade it!

I run 400-600 per day, and forward ALL of those over at least one 1200  
baud path ... with two BBS on the other end ... and that path is not  
close to fully utilized. In fact, the same link is used by a major route  
east across the Cascades. Heck, I even forward them ALL on HF as well.

It is VERY hard for me to believe what you say about "network overload".

However, your comments on censorship sound familiar: "Only \*red\* packets  
on this link, and only \*green\* packets on that link."

>From here it looks like a politics / censorship problem, and not a network  
problem.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

#### 104. Re: [BBSSIG:3808] Re: huh? "the BBS specification" ?

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Tue, 12 Nov 1996 12:25:07  
To: bbssig@tapr.org  
Message-ID: <240@larkhill.win-uk.net>  
Rendered body type: text/plain

>Brian Jones wrote:  
>>  
>> > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
>>  
>> Why the restriction on the number? If a software author wishes to  
>> limit his program to only integer numbers, that is his/her choice.  
>>  
>>  
>  
>  
>Because there are BBS programs that will DIE if you send it a number  
>greater than 65535. Remember these are interoperability  
>specifications (specifically forwarding).  
>  
>

But WHEN do mailboxes exchange message numbers? I thought the  
exchange include a MID or BID to identify the message.

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

---

#### 105. Re: [BBSSIG:3833] Re: Do \_you\_ HOLD local users bulletins?

From: ei7gm@iol.ie (Paul Kearney)  
Date: Tue, 12 Nov 1996 22:41:23 +0000  
To: bbssig@tapr.org  
Message-ID: <199611122241.WAA01650@GP0.iol.ie>  
Rendered body type: text/plain

Lest "we" forget

I WOULD LIKE TO THANK THOSE WHO SAT DOWN AND ACTUALLY WROTE BBS SOFTWARE  
FOR THEIR TIME+EFFORT+SLEEPLESS\_NIGHTS\_OF\_DEBUGGING+ETC+ETC+ETC

( Yes , it deserves to be "shouted" )

73  
Paul  
ei7gm

```

oo o  o o      o o o  o oo o oo      o o      o o o      o o
o      o      o      oo o o o      oo o  o o o oo o  o
o      oo o      o      o o      oo      o      o o o      o
```

Learn Braille now while you have your sight - It's easier.

---

#### 106. Re: [BBSSIG:3840] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Tue, 12 Nov 1996 16:11:30 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961113001130.006cf978@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 04:36 PM 11/12/96 -0600, you wrote:  
>  
>>Brian Jones wrote:  
>>>  
>>> > MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
>>>  
>>> Why the restriction on the number? If a software author wishes to  
>>> limit his program to only integer numbers, that is his/her choice.  
>>>  
>>>  
>>  
>>  
>>  
>>Because there are BBS programs that will DIE if you send it a number

```
>>greater than 65535. Remember these are interoperability
>>specifications (specifically forwarding).
>>
>>
>
> But WHEN do mailboxes exchange message numbers? I thought the
>exchange include a MID or BID to identify the message.
```

According to the spec, they never "exchange message numbers".  
The only place the message number is passed from one BBS to another  
is in the header. In the header, it must be in 1..65535.

Nothing at all is mentioned about message identification to the BBS  
software itself (some use a 32 bit token, others use a 16 bit token  
plus a time stamp, etc.) nor to the bbs user when that user needs some  
token to indicate which message to read.

So that number shown in the header, plus the date/time stamp in the  
header is what needs to be there to allow a sysop to determine a specific  
message instance on his system, for example if the FCC / DOT / Etc. were  
to make some inquiry.

But this issue has nothing at all to do with BID or MID.  
However it does have to do with the LID (identification of a specific  
message instance).

Just to make things muddier:

The MID is the LID of the originating BBS.  
The default BID often contains the same information as the MID.  
Note "contains the same information" does not mean "is the same as".

Example:

The BID "32\_W0RLI" contains the same information as  
the MID (and LID) "Message 32 at BBS W0RLI".

So do the BIDs "W0RLI32001" and "W0RLI20", but like "32\_W0RLI" one must know  
what syntax was used to create the BID from the information in the MID.

And of course from the previous message (posted by N2QAE - thank you!)  
we could just as well have a BID of "ORBS-329.0" for that same message.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

## 107. What is BNF?

```
From: Hank Oredson <hank_oredson@MENTORG.COM>
Date: Tue, 12 Nov 1996 22:04:43 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961113060443.0066d0b4@em-wv03>
Rendered body type: text/plain
```

Here is the entry from the Jargon file for BNF:

/B-N-F/ n. 1. [techspeak] Acronym for 'Backus-Naur Form', a metasyntactic  
notation used to specify the syntax of  
programming languages, command sets, and the like. Widely used for language  
descriptions but seldom documented  
anywhere, so that it must usually be learned by osmosis from other hackers.  
Consider this BNF for a U.S. postal  
address:

```
<postal-address> ::= <name-part> <street-address> <zip-part>

<personal-part> ::= <name> | <initial> "."

<name-part> ::= <personal-part> <last-name> [<jr-part>] <EOL>
               | <personal-part> <name-part>

<street-address> ::= [<apt>] <house-num> <street-name> <EOL>

<zip-part> ::= <town-name> ", " <state-code> <ZIP-code> <EOL>
```

This translates into English as: "A postal-address consists of a name-part,  
followed by a street-address part, followed by  
a zip-code part. A personal-part consists of either a first name or an  
initial followed by a dot. A name-part consists of



either: a personal-part followed by a last name followed by an optional 'jr-part' (Jr., Sr., or dynastic number) and end-of-line, or a personal part followed by a name part (this rule illustrates the use of recursion in BNFs, covering the case of people who use multiple first and middle names and/or initials). A street address consists of an optional apartment specifier, followed by a street number, followed by a street name. A zip-part consists of a town-name, followed by a comma, followed by a state code, followed by a ZIP-code followed by an end-of-line." Note that many things (such as the format of a personal-part, apartment specifier, or ZIP-code) are left unspecified. These are presumed to be obvious from context or detailed somewhere nearby. See also parse. 2. Any of a number number of variants and extensions of BNF proper, possibly containing some or all of the regexp wildcards such as '\*' or '+'. In fact the example above isn't the pure form invented for the Algol-60 report; it uses '[]', which was introduced a few years later in IBM's PL/I definition but is now universally recognized. 3. In science-fiction fandom, a 'Big-Name Fan' (someone famous or notorious). Years ago a fan started handing out black-on-green BNF buttons at SF conventions; this confused the hacker contingent terribly.

----  
Hank Oredson - Mentor Graphics - Library Products Group  
e\_mail: Hank\_oredson@mentorg.com  
Phone: (503) 685-1325 FAX: (503) 685-1599

---

## 108. Re: [BBSSIG:3817] BBS Spec/FAQ BID-MID-LID

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)  
Date: Wed, 13 Nov 1996 06:17:06 GMT  
To: bbssig@tapr.org  
Message-ID: <328923b2.64596084@hannibal.wncc.cc.ne.us>  
Rendered body type: text/plain

On Tue, 12 Nov 1996 03:42:23 -0600 (CST), you said:

> My thanks go to Hank, W0RLI, for releasing the BBS Specification, and to  
> Art, N2QAE, for the FAQ on BIDs, MIDs and LIDs.

I don't understand the fuss. This document has been circulated many times before via the bbs network. My file date shows it as being several years old.

Gary

---

## 109. Re: Do \_you\_ HOLD local users bulletins?

From: aa7ya@juno.com  
Date: Tue, 12 Nov 1996 22:20:08 MST  
To: bbssig@tapr.org  
Message-ID: <19961112.223706.5375.6.aa7ya@juno.com>  
Rendered body type: text/plain

On Tue, 12 Nov 1996 12:04:03 -0600 (CST) Mike Fahmie <MPFahmie@lbl.gov> writes:

>>Do you put locally entered Mails/Bulletins/both on HOLD to check  
>>them?  
>Yes, I hold locally originated bulletins for review, I try to review  
>several times per day so that traffic is not delayed.  
>I do not review personal messages except for a couple of users who  
>have earned special treatment.

"Special Treatment", where have I heard that before? You don't earn "Special Treatment", that is called discrimination, what you do earn is TRUST.

>>Does legislation in your country requires that?  
>It does not specifically require review, however, sysops at the  
>originating bbs are held responsible for content if they do not  
>authenticate the user.

You don't need to authenticate the user, you tell him not to do it again (warn him), and if he persists, turn him in. It works.

<snip>

>73, Mike, WA6ZTY sysop N6EEG in Berkeley California.

>  
>  
> Mike Fahmie - Advanced Light Source  
> Lawrence Berkeley National Laboratory  
> (510) 486-4030 - MPFahmie@lbl.gov  
> WA6ZTY @ N6EEG  
>  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 110. Re: 'FLOOD' in 'FLOOD ROUTE' ?

From: aa7ya@juno.com  
Date: Tue, 12 Nov 1996 22:10:07 MST  
To: bbssig@tapr.org  
Message-ID: <19961112.223706.5375.5.aa7ya@juno.com>  
Rendered body type: text/plain

On Tue, 12 Nov 1996 14:35:35 -0600 (CST) Rod Fowler <k2adj@mosquito.com> writes:

>Hi Chuck... The problem is that in many areas there is not enough band  
>width in the Forwarding BackBone networks to facilitate the large amount  
of  
>bulletins to be forwarded to everyone.. Some NODE ops, say NO BULLETINS  
on this or that node or network. So, in order for the P and T type mail  
to fly,  
>the bulletins suffer.. There is no reason why you and the sysop of  
another BBS  
>installing a proprietary linking between your two systems..

I have no Backbone (yet) here, and I can forward, using Telnet, several  
hundred bulletins overnight. (ack, send, ack, send, ack, send...) If  
the link goes bad, I readjust my forwarding file to limit the bulletins  
down, but most of the time that never happens.

>If you have a high speed linking with another BBS with a bulletin  
>feed, ask him to send them to you but if the link is running at 1200  
baud, forget  
>it!

>Don't know how many bulletins you are receiving there Chuck, but my  
>BBS here receives usually between 200-400 bulletins per day! The  
backbone  
>around here does handle a lot of it and there are times when you can't  
get a  
>packet in edgewize.. Worst part of all this there is no concerted  
effort to  
>upgrade it!

200-400, pretty impressive at 1200 baud. :)

I was on 300 baud HF for several months, and I would recieve  
double what you recieved on 1200 baud packet. By the way, it was  
handled on 40 meters, day and night, to a station in Central Idaho,  
and I am in NE Montana.

>  
>73 de Rod  
>  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 111. Re: [BBSSIG:3825] Re: huh? "the BBS specification" ?

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Wed, 13 Nov 1996 10:44:57 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611130944.KAA12144@mis.dtek.chalmers.se>  
Rendered body type: text/plain

> > No. BID/MID/what\_ever and the message number are NOT related to  
> each other. Often the BID/MID/what\_ever uses the message number  
> > but it's not always the case.<end snip>

```

>
> I feel that the answer is not "No."
> I feel that the answer is "Often".

What I meant was that BID/MID/what_ever and message numbers
are not related to each other (what I wrote), i.e. from certain
BID/MID/... you can not get the message number, or vice versa.
That we often use the message number as a part of the BID/MID...
is another thing.

Think this is a semantic issue... :-)

> What is your BID/MID/LID if you ( or a user ) enters:
>
> bbs-prompt> SB HELP @ USBBS
>
> and finishes their messages. What is the resultant
> BID=

1234_SK65A

> MID=

1234_SK65A
(You don't have a MID on a bulletin... ;-)

> LID=

1234

> at your BBS ?

... I think it will be... But you can't conclude from this that 1234
really is a message number. You can't know that for a fact and
therefore they are not related.

> My resultant BID would be related to my BBS's message number.
> & MID & LID, too.

Not related. In this case the number in the BID/MID/... will be
the same as the message number, but that is only in this case.

73 de Lars, sm6rpz

--
Lars E Pettersson | Chalmers University of Technology
d8lars@dtek.chalmers.se | Gothenburg
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

```

---

## 112. Re: [BBSSIG:3829] Re: huh? "the BBS specification" ?

```

From: Lars Petterson <d8lars@dtek.chalmers.se>
Date: Wed, 13 Nov 1996 10:49:00 +0100 (MET)
To: bbssig@tapr.org
Message-ID: <199611130949.KAA12422@mis.dtek.chalmers.se>
Rendered body type: text/plain

> A BID/MID using a time stamp (32-bit integer) would solve that. The
> BID/MID would not just serve its purpose but would also show when the
> message was created.
>
> -- Edson, N1VTN

Sounds like a good idea. Why not

    time_stamp@origin_bbs

Ought to work... I think (using hex for representation)

73 de Lars, sm6rpz

--
Lars E Pettersson | Chalmers University of Technology
d8lars@dtek.chalmers.se | Gothenburg
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

```

---

## 113. Re: [BBSSIG:3834] Re: huh? "the BBS specification" ?

```

From: Lars Petterson <d8lars@dtek.chalmers.se>
Date: Wed, 13 Nov 1996 11:00:49 +0100 (MET)

```

To: bbssig@tapr.org  
Message-ID: <199611131000.LAA13174@mis.dtek.chalmers.se>  
Rendered body type: text/plain

Hank Oredson wrote:

> For a new bbs specification (the "to be" spec) we might just point to some  
> existing specs like RFC-822 (and it's updates), as well as other specs that  
> treat, for example, usenet article identification.

Sounds like a good idea!

> No need to make small  
> changes in the spec, just a need to provide a way to translate during the  
> transition process. There was some hope that \*NOS would provide this  
> capability,  
> but it has not yet come to pass. (No flames on this please, I \*have\* done my  
> homework and verified that NO existing \*NOS handles the existing spec.)

Not true. NOS can handle the todays spec. Don't pic on all NOSes  
just because some are not working. I don't think you would be  
glad if I picked on all BBS-software just because one of them  
don't work... Or?

The version of NOS I'm using is based on PA0GRI:s version  
and modified by me. It's up to spec! I've tried it with all  
kinds of messages and it work OK. So the PA0GRI version  
is all OK (I havn't changed the behaviour in that part of  
the code)

The big problem was the gateway between the BBS-world and tcp/ip:s  
RFC822-headers, especially the Message-Id: that can confuse things  
a great deal (the test for duplicates at the NNTP side is quite  
elaborate...). So if we in a "to be" spec would point at RFC822  
it would much easier to implement a working BBS<->tcp/ip gateway.

For those interested, the gateway is a full working two way gateway  
for personal messages (SMTP) and bulletins (NNTP) and have been in use  
at SK6SA for over two years. The NNTP implementation is fully compatible  
with Netscape, trn, tin, etc.

73 de Lars, sm6rpz

--

Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

## 114. Re: [BBSSIG:3835] Re: huh? "the BBS specification" ?

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Wed, 13 Nov 1996 11:03:24 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611131003.LAA13218@mis.dtek.chalmers.se>  
Rendered body type: text/plain

Hank Oredson wrote:

> >Which BBS program uses the message number in the R:-line?  
> >And for what?  
>  
> I have many small programs (and servers) that use the message numbers  
> to identify the particular message instance ... for example one of those  
> programs measures delay times across the forwarding links, another is  
> (of course) BIDCHK ... <grin>

Why not make these programs capable of handling larger numbers?  
Why should the BBS-programs "suffer" from the limits in these  
smaller programs that are not a working part of the data network?

73 de Lars, sm6rpz

--

Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

## 115. Re: [BBSSIG:3839] Re: 'FLOOD' in 'FLOOD ROUTE' ?

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Wed, 13 Nov 1996 11:11:49 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611131011.LAA13540@mis.dtek.chalmers.se>

Rendered body type: text/plain

Hank Oredson wrote:

> And those 400 byte BIDCHK bulletins take up a HUGE amount of network time!  
> Two or three full packets perhaps.

When they reach Sweden they have grown to 4000 to 5000 bytes,  
that's 10 times more packets, and 10 times more network time!

Remember, the CHKBID bulletins are sent @WW !! What happens at  
your side of the big ocean might be something other on the  
other side...

73 de Lars, sm6rpz

--

Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

## 116. Re: BBS Spec/FAQ BID-MID-LID

From: lkenney@slip.net  
Date: Wed, 13 Nov 1996 02:54:14 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961113105414.006b4ba4@pop.slip.net>  
Rendered body type: text/plain

At 12:17 AM 11/13/96 -0600, Gary McDuffie wrote:

>I don't understand the fuss. This document has been circulated many times  
>before via the bbs network. My file date shows it as being several years  
>old.

It is old...but this is the first time I'd ever seen it. From the volume  
of comments, I don't think I was the only one, either.

Larry, WB9LOZ  
lkenney@slip.net

---

## 117. Re: [BBSSIG:3843] What is BNF?

From: "Bill Barnes, N3JIX" <n3jix@csrlink.net>  
Date: Wed, 13 Nov 1996 07:04:18 -0500 (EST)  
To: bbssig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <199611131204.GAA02591@tapr.org>  
Rendered body type: text/plain

At 12:08 AM 11/13/96 -0600, Hank Oredson wrote:  
>Here is the entry from the Jargon file for BNF:

>programming languages, command sets, and the like. Widely used for language  
>descriptions but seldom documented  
>anywhere, so that it must usually be learned by osmosis from other hackers.

Not entirely true. When I took "Organizations of Programming Languages"  
course, it had about 4 chapters on BNF, and the professor "burned" it into  
our heads as being one of the most important concepts of programming  
languages....

So, it is formally taught at some places.

73, de Bill, N3JIX  
\*\*\*\*\*  
\* Bill Barnes, N3JIX \*  
\* Internet: n3jix@mail.csrlink.net \*  
\* WWW: http://acwww.bloomu.edu/~wbarnes \*  
\* Packet : n3jix@n3jix.col.pa.usa.noam \*  
\*\*\*\*\*

---

## 118. Re: [BBSSIG:3832] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Wed, 13 Nov 1996 07:06:48 -0800  
To: bbssig@tapr.org  
Message-ID: <3289E408.6004@erinet.com>  
Rendered body type: text/plain

Howdy:

I didn't realize that there was a 'spec' on header line time.

'Peer Pressure' ( and logic ) is causing me to set my time to GMT.

Sorry, I didn't know.

:~)

Chuck nc8q

---

## 119. Re: [BBSSIG:3840] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Wed, 13 Nov 1996 07:45:06 -0800  
To: bbssig@tapr.org  
Message-ID: <3289ED02.3A5E@erinet.com>  
Rendered body type: text/plain

Brian Jones wrote:

```
>
>
> > Brian Jones wrote:
> >>
> >> MSG_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>
> >>
> >> Why the restriction on the number? If a software author wishes to
> >> limit his program to only integer numbers, that is his/her choice.
> >>
> >>
> >
> > > Because there are BBS programs that will DIE if you send it a number
> > greater than 65535. Remember these are interoperability
> > specifications (specifically forwarding).
> >
> >
> But WHEN do mailboxes exchange message numbers? I thought the
> exchange include a MID or BID to identify the message.
>
>
>
> =====
> Brian Jones Worcester, United Kingdom
> G8ASO @ G8ASO.GB7GLO.#46.GBR.EU bajones@larkhill.win-uk.net
> =====
```

Hi, Brian Jones:

Mailboxes exchange message numbers when the header lines are sent.

73, Chuck nc8q

---

## 120. Re: [BBSSIG:3846] Re: 'FLOOD' in 'FLOOD ROUTE' ?

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Wed, 13 Nov 1996 07:00:28 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611131302.HAA25122@mail.texoma.net>  
Rendered body type: text/plain

```
> 200-400, pretty impressive at 1200 baud. :)
>
> I was on 300 baud HF for several months, and I would recieve
> double what you recieved on 1200 baud packet. By the way, it was
> handled on 40 meters, day and night, to a station in Central Idaho,
> and I am in NE Montana.
>
```

I suppose it all depends on your local setup. I get 200-400 bulls a day. They get into my neighborhood via a 9600 backbone link, but are dumped into my system over a 1200 baud user port. (TexNet)  
The 1200 bd link to the TexNet node is fairly clear, so I use a high PACLEN - roughly 230, at the TexNet network manager's suggestion. One vital aspect of getting the best use from the local VHF/UHF net is to cooperate and participate.

I get a lot better throughput with my TexNet link than I ever did on HF, on ANY band. ( 300 bd packet ) Next time I set up on HF, it will be to utilize CLOVER. (Most likely). I would say I'd be trying HF multicasting, but "hot air" never got a packet message moved, and "hot air" is what we have to work with, as far as HF multicasting is concerned. CLOVER sounds very good, and actually exists.

>From your example above, I would guess that you live in a good location for HF forwarding, but that your local VHF/UHF net is either slow or too far away for a good link.

It's hard to say "HF is better", or "VHF/UHF is better", because both have their good points and each individual station setup will bring different results.

73 DE Charles N5PVL

---

## 121. Re: [BBSSIG:3721] Re: RE WORLI BID CHECK

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Thu, 14 Nov 96 00:05:57 est  
To: bbssig@tapr.org  
Message-ID: <199611131335.AAA09344@dove.mtx.net.au>  
Rendered body type: text/plain

On Tue, 29 Oct 1996 21:51:44 -0600 (CST) you wrote:

>Hi Stacey and others,  
>  
>I stated that the BIDCHK, BADBID messages have no valid " FROM" callsign  
>since when has BADBID or BIDCHK been approved by any country as a Valid  
>Amateur Callsign ??  
>  
>I believe that the messages are made up of 3 Fields  
>  
>TO @ FROM and I also believe that if a BBS is sending out bulletins  
>it SHOULD have the Correct Callsign in the FROM Field.. and not some thought  
>up one ..

Lets clear up a common misunderstanding here - what is required is that the \*transmitting\* station identify as it \*transmits\*. This is taken care of by the AX.25 header when the station forwarding the message, either to another BBS or as someone reads it, actually transmits the message to air. That is all that is required by the regulations.

What \*data\* is contained in the TO, FROM or SUBJECT fields is irrelevant, other than for \*message\* identification or routing purposes. The FROM field does \*not\* identify the transmitting station. Therefore it is perfectly legal to put anything you like in the FROM field. This is true in VK, in the US and probably most other countries too.

Notwithstanding the above, there may be countries where, due to 3rd party traffic laws or other, perhaps stricter, regulations, the BIDCHK or CHKBID name in the FROM field \*may\* be illegal. I do not know. Therefore if sending these @WW we should consider that by accepting or forwarding these messages someone \*may\* be breaking local laws.

IMHO, sending them @WW serves absolutely no purpose whatsoever and it quite frankly pisses me off. I'm sick of seeing them on VK5TTY when they refer to problems in Oregon, USA. From now on they'll be in the reject file until Hank fixes his system's configuration.

Regards,  
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email      : rsbaker@dove.mtx.net.au        | aound???!
=====
```

---

## 122. Re: [BBSSIG:3730] Re: RE WORLI BID CHECK

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Thu, 14 Nov 96 00:16:10 est  
To: bbssig@tapr.org  
Message-ID: <199611131345.AAA10083@dove.mtx.net.au>  
Rendered body type: text/plain

On Thu, 31 Oct 1996 03:30:23 -0600 (CST) you wrote:

>>[...snip...]  
>>Between 476827@GB7AVM and 40160@GB7LWB  
>>the BID was changed from 23284\_GB7DON to 23284\_B7DON

```
>>Headers are:
>>R:961025/2303 40160@GB7LWB.#27.GBR.EURO $:23284_B7DON
>>          ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>>R:961022/2248 476827@GB7AVM.#49.GBR.EURO $:23284_GB7DON
>>          ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>>
>>[ BIDCHK Version 1.0 by W0RLI ]
>>
>>          ===== End of message #570926 =====
>>[...snip...]
>>Between 476827@GB7AVM and 40160@GB7LWB
>>the BID was changed from 23284_GB7DON to 23284_B7DON
>>Headers are:
>>R:961025/2303 40160@GB7LWB.#27.GBR.EU $:23284_B7DON
>>          ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>>R:961022/2248 476827@GB7AVM.#49.GBR.EU $:23284_GB7DON
>>          ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>>
>>[ BIDCHK Version 1.0 by W0RLI ]
>>
>>          ===== End of message #570956 =====
>>
>>
>> In this country we have NOT adopted the use of .EURO, so any
>>message which has that included with a GB7 callsign is wrong.
>
>Where does it say '.EURO'? All I see is '.EU' in the H-address
>field.
```

Read the \*full\* message Stacey - you'll see that there were \*2\*  
 CHKBID/CHGBID messages quoted and that the first one \*did\* use .EURO  
 instead of .EU, as quoted above.

```
>[...]  

>73 de Stacey, AA7YA  

>Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  

>E-mail: aa7ya@juno.com  

>Box 83 Whitetail, Montana 59276 (406) 779-3641
```

Cheers,  
 Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | awound???!?!
=====
```

## 123. Re: [BBSSIG:3766] WinFBB help?

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
 Date: Thu, 14 Nov 96 00:31:57 est  
 To: bbssig@tapr.org  
 Message-ID: <199611131401.AAA11402@dove.mtx.net.au>  
 Rendered body type: text/plain

On Sat, 9 Nov 1996 01:05:50 -0600 (CST) you wrote:

```
>Hello all;
>I have a question for all the WIN F6FBB "experts"
>Does it ever run a full day with out messing up somewhere?
```

Does \*anything\* running under Windoze ever run a full day without  
 messing up somewhere? ;-)

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | awound???!?!
=====
```

## 124. Re: [BBSSIG:3789] Re: huh? "the BBS specification" ?

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
 Date: Thu, 14 Nov 96 00:42:05 est  
 To: bbssig@tapr.org  
 Message-ID: <199611131411.AAA12219@dove.mtx.net.au>  
 Rendered body type: text/plain



On Mon, 11 Nov 1996 09:50:06 -0600 (CST) you wrote:

```
> [...]
> Altering 'message_number' to long integer would require a change to
> bid/mid length -- $:12345678901234567890@AB0CDE
>
Rubbish. You assume that the BID necessarily has the same numerical
value as the message number on the originating system but this is
*not* necessarily the case. Witness, FBB. The *BIDS* are limited to
65536 before wrapping around to 1 again, but the message numbers will
go on counting, at least to 999999. I've not yet seen what happens at
1000000 (our local BBS is only up to 270000-odd).
```

Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email      : rsbaker@dove.mtx.net.au         | awound???!!!
=====
```

---

## 125. Re: [BBSSIG:3791] Do \_you\_ HOLD local users bulletins?

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Thu, 14 Nov 96 00:45:53 est  
To: bbssig@tapr.org  
Message-ID: <199611131415.AAA12502@dove.mtx.net.au>  
Rendered body type: text/plain

On Mon, 11 Nov 1996 11:19:18 -0600 (CST) you wrote:

```
>Hello,
>
>I am interested to be told how you handle the HOLD feature in your bbs.
>
>Do you put locally entered Mails/Bulletins/both on HOLD to check them?
```

Yes. Here in Adelaide, South Australia all the BBS's hold locally generated bulletins for checking. We don't at this time hold personal mail.

```
>
>Does legislation in your country requires that?
```

No, we do it by choice.

```
>Do you use password authentication? If so, which method?
>
```

Only for Sysop access. General users at this time are not password-restricted although there are discussions going on as to whether or not we will password authenticate all users. The only problem with doing so is that someone has to administer the user database and passwords on each BBS. None of the sysops currently want to take that on.

Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email      : rsbaker@dove.mtx.net.au         | awound???!!!
=====
```

---

## 126. Re: [BBSSIG:3852] Re: BBS Spec/FAQ BID-MID-LID

From: mcduffie@hannibal.wncc.cc.ne.us (Gary McDuffie, Sr.)  
Date: Wed, 13 Nov 1996 14:37:32 GMT  
To: bbssig@tapr.org  
Message-ID: <3289d89c.110909173@hannibal.wncc.cc.ne.us>  
Rendered body type: text/plain

On Wed, 13 Nov 1996 04:58:37 -0600 (CST), you said:

```
> At 12:17 AM 11/13/96 -0600, Gary McDuffie wrote:
>
> >I don't understand the fuss. This document has been circulated many times
> >before via the bbs network. My file date shows it as being several years
> >old.
>
> It is old...but this is the first time I'd ever seen it. From the volume
```

> of comments, I don't think I was the only one, either.

> Larry, WB9LOZ

Hi Larry!

I agree. There certainly has been a "volume of comments". That's why I was surprised. It made interesting reading when it was first circulated, and that's why I saved it.

Gary

---

## 127. Re: Do \_you\_ HOLD local users bulletins?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Wed, 13 Nov 1996 14:44:13 +0100  
To: bbssig@tapr.org  
Message-ID: <103010600aeaf71816d33@[160.45.235.156]>  
Rendered body type: text/plain

Hi,

thank you for your replies, was interesting to see how different it is handled. With your permission I will post the public answers locally in the german bbs net.

At 21:24 Uhr -0600 11.11.1996, aa7ya@juno.com wrote:  
>On Mon, 11 Nov 1996 11:19:18 -0600 (CST) Joachim Schurig  
><jschurig@zedat.fu-berlin.de> writes:  
>>Currently, in german packet net, there is a controversial discussion on  
>>this item. Actually, we have heavy misuses by pirates.  
>  
>Granted your having discussions, but is ANYTHING being  
>done about it?

No. Many sysops and software authors defer the idea of a HOLD on bulletins (we never had a discussion about private mails, in fact they seem to be inattractive for pirates). Many bbs systems used here do not support a local HOLD.

The reasons divide in three main streams:

- a) "no censorship"
- b) "retarded delay of messages"
- c) "Using passwords via radio gives you the wrong feeling of authenticity"

It might be of interest for you that the main source of pirate actions possibly is known, but local (bavarian) court decided not to pursue the case because of "no public interest" (as this is legal stuff, please note that I am not informed first hand, so all of the written may be wrong). It has to be noted that sysops and users are very frustrated about that inactivity.

There is an eclatant inequality between this case and the pursuit of compuserve some time ago, by the way also by a bavarian court.

German radio amateurs and german telecommunication authorities (BAPT) have a difficult relationship since some years. We're about getting a new telecommunications act next year, and first informational releases some month ago led to the impression the legislator wanted to cancel the special state of amateur radio at all. Much has been saved since then, but the fact that since some time there is no frequency control anymore by the BAPT (although it's responsible) makes us remember a colportage from the ministry: "to let amateur radio rot from inside". If this is true, the used metaphor is a very german one.

Background for all of this is the rising commercial interest on amateur radio frequencies above 30 MHz and the estimation that amateur radio is no source of technical enhancement for industry nowadays.

To let you better understand why a "trusting" in local users is not the answer to our problems (Hank brought up this term) you have to be told that a connection from Munich to Hamburg (800 km of distance) is established in a few seconds. Local bbs users are not at all local in a regional sense.

73 Joachim

-----  
Joachim Schurig,                   EMAIL:                   jschurig@zedat.fu-berlin.de  
DL8HBS                   WWW:       http://userpage.fu-berlin.de/~jschurig/  
                         HamRadio:           DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

## 128. Re: [BBSSIG:3859] Re: WinFBB help?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Wed, 13 Nov 1996 10:23:33 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961113182333.00683a18@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain  
  
At 08:05 AM 11/13/96 -0600, vk5tty bashes windows without basis in fact:  
>On Sat, 9 Nov 1996 01:05:50 -0600 (CST) you wrote:  
>  
>>Hello all;  
>>I have a question for all the WIN F6FBB "experts"  
>>Does it ever run a full day with out messing up somewhere?  
>  
>Does \*anything\* running under Windoze ever run a full day without  
>messing up somewhere? ;-)

Why yes, now that you ask, many things do.

For example, the web server running on the system I'm typing this message on has been up and running for several weeks with nary a single glitch. P120, Win95. Solid as a rock.

Hank Oredson @ Mentor Graphics                   Library Operations  
Internet       : hank\_oredson@mentorg.com       "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

## 129. Re: [BBSSIG:3855] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Wed, 13 Nov 1996 10:23:32 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961113182332.00676030@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain  
  
At 06:46 AM 11/13/96 -0600, nc8q wrote:  
>Brian Jones wrote:  
>>  
>>  
>> >Brian Jones wrote:  
>> >>  
>> >> >   MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
>> >>  
>> >>   Why the restriction on the number? If a software author wishes to  
>> >> limit his program to only integer numbers, that is his/her choice.  
>> >>  
>> >>  
>> >  
>> >  
>> >Because there are BBS programs that will DIE if you send it a number  
>> >greater than 65535. Remember these are interoperability  
>> >specifications (specifically forwarding).  
>> >  
>> >  
>>  
>>   But WHEN do mailboxes exchange message numbers? I thought the  
>> exchange include a MID or BID to identify the message.  
>>  
>>  
>>  
>> =====  
>> Brian Jones                                   Worcester, United Kingdom  
>> G8ASO @ G8ASO.GB7GLO.#46.GBR.EU       bajones@larkhill.win-uk.net  
>> =====  
>  
> Hi, Brian Jones:  
>  
> Mailboxes exchange message numbers when the header lines are sent.  
>  
>73, Chuck nc8q

Just to be pedantic about it (and the spec MUST be pedantic, i.e. "exact").  
Mailboxes do not "exchange" message numbers. The data flows in one direction

only; the system forwarded TO knows the MID at the system forwarded FROM, but not vice versa.

|                                        |                    |
|----------------------------------------|--------------------|
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| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM |                    |

---

### 130. Re: [BBSSIG:3860] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Wed, 13 Nov 1996 10:23:33 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961113182333.0068072c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 08:12 AM 11/13/96 -0600, you wrote:  
>On Mon, 11 Nov 1996 09:50:06 -0600 (CST) you wrote:  
>  
>>[...]  
>> Altering 'message\_number' to long integer would require a change to  
>> bid/mid length -- \$:12345678901234567890@AB0CDE  
>>  
>Rubbish. You assume that the BID necessarily has the same numerical  
>value as the message number on the originating system but this is  
>\*not\* necessarily the case. Witness, FBB. The \*BIDS\* are limited to  
>65536 before wrapping around to 1 again, but the message numbers will  
>go on counting, at least to 999999. I've not yet seen what happens at  
>1000000 (our local BBS is only up to 270000-odd).

A side note on this topic: my code handles the message number in the header as 32 bit integer (because some bbs codes do not follow the spec, and it is "good" to keep the actual number).

But look at the spec carefully: there are data fields named things like "CALLSIGN" and "MESSAGE\_NUMBER" ... but those are ONLY the names used for the data fields. The spec does not say, for example, that the data placed into a field named "CALLSIGN" must be a callsign. What it must be is also spelled out in the spec.

The difference between a syntax and a meta-syntax (and between a semantic and a meta-semantic) can be confusing.

|                                        |                    |
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| Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM |                    |

---

### 131. Re: [BBSSIG:3855] Re: huh? "the BBS specification" ?

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Wed, 13 Nov 1996 21:03:37  
To: bbssig@tapr.org  
Message-ID: <247@larkhill.win-uk.net>  
Rendered body type: text/plain

>> >Brian Jones wrote:  
>> >>  
>> >> MSG\_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>  
>> >>  
>> >> Why the restriction on the number? If a software author wishes to  
>> >> limit his program to only integer numbers, that is his/her choice.  
>> >>  
>> >>  
>> >>  
>> >> >Because there are BBS programs that will DIE if you send it a number  
>> >> >greater than 65535. Remember these are interoperability  
>> >> >specifications (specifically forwarding).  
>> >>  
>> >>  
>> >>  
>> >> But WHEN do mailboxes exchange message numbers? I thought the  
>> >> exchange include a MID or BID to identify the message.  
>> >>  
>> >>  
> Hi, Brian Jones:  
>  
> Mailboxes exchange message numbers when the header lines are sent.  
>  
>73, Chuck nc8q  
>

However, if you look at the headers of from some software you will discover they do not even carry any message numbers.

I appreciate that on systems the original message numbering scheme in many cases used integer numbering and some still do. But as has been said, the number in the list and the MID or BID are not the same. Even if some users fail to appreciate that message 12345 on his mailbox is different on every other system ;-)

The following paragraph is off topic to the above discussion, but saves sending another message. If you are interested in what the numbers mean in GBR hierarchial addresses leave me a message and I'll send that file.

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU      bajones@larkhill.win-uk.net
=====
```

---

### 132. Re: [BBSSIG:3827] Re: huh? "the BBS specification" ?

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Wed, 13 Nov 1996 20:26:52  
To: bbssig@tapr.org  
Message-ID: <245@larkhill.win-uk.net>  
Rendered body type: text/plain

```
>> > MSG_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>
>> > Why the restriction on the number? If a software author wishes to
>> > limit his program to only integer numbers, that is his/her choice.
>> >
>> Because there are BBS programs that will DIE if you send it a number
>> greater than 65535. Remember these are interoperability
>> specifications (specifically forwarding).
>
>Also some programs will get confused if 'they' detect a #:##### in the
>mail header where the actual number is greater than 65535.
>This first came to light when the first of the FBB systems went over
>the 65536 and so announced this in the mail headers.
>
```

Surely, that problem only occurred because the system was trying to re-create a BID! Which should not be done!!

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU      bajones@larkhill.win-uk.net
=====
```

---

### 133. Re: [BBSSIG:3851] Re: 'FLOOD' in 'FLOOD ROUTE' ?

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Wed, 13 Nov 1996 20:49:06  
To: bbssig@tapr.org  
Message-ID: <246@larkhill.win-uk.net>  
Rendered body type: text/plain

```
>Hank Oredson wrote:
>> And those 400 byte BIDCHK bulletins take up a HUGE amount of network time!
>> Two or three full packets perhaps.
>
>When they reach Sweden they have grown to 4000 to 5000 bytes,
>that's 10 times more packets, and 10 times more network time!
>
>Remember, the CHKBID bulletins are sent @WW !! What happens at
>your side of the big ocean might be something other on the
>other side...
>
```

Does it NEED the CHKBID bulletins be sent @ WW? How often is the bulletin that is in error also sent @ WW.

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GL0.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

```
>>
>> Mailboxes exchange message numbers when the header lines are sent.
>>
>>73, Chuck nc8q
>>
>
> However, if you look at the headers of from some software you
>will discover they do not even carry any message numbers.
```

And this means those systems do not meet the spec.

```
> I appreciate that on systems the original message numbering
>scheme in many cases used integer numbering and some still do. But
>as has been said, the number in the list and the MID or BID are
>not the same. Even if some users fail to appreciate that message
>12345 on his mailbox is different on every other system ;-)
```

To be pedantic again: this is simply a data field called "MSG\_NUM". What is put into that field is some number which will allow the sysop, using the rest of the required information in his header, to identify a specific message instance on his system. Whether the system itself happens to use that same number to identify the message is not specified.

What is specified is that some number between 1..65535, a time stamp in UTC to the nearest minute, and an identifier of the BBS, be placed in the header. "Usually" what is placed there is the time stamp, the actual message number, and the actual bbs callsign.

i.e. those header fields named "CALLSIGN" and "MSG\_NUM" carry information that is useful to the owner of the BBS, and would normally carry it's callsign and message number. Many systems do not put their actual message number there. They number "for all time" instead of "this numbering group", and often use a 32 bit number to identify messages.

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## 136. Re: [BBSSIG:3870] Re: RE WORLI BID CHECK

```
From: Hank Oredson <Hank_Oredson@MENTORG.COM>
Date: Wed, 13 Nov 1996 17:00:19 -0800
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961114010019.006967d8@em-wv03.wv.mentorg.com>
Rendered body type: text/plain

At 04:51 PM 11/13/96 -0600, you wrote:
>>
>> >>[...snip ^2..]
>> >>Between 476827@GB7AVM and 40160@GB7LWB
>> >>the BID was changed from 23284_GB7DON to 23284_B7DON
>> >>Headers are:
>> >>R:961025/2303 40160@GB7LWB.#27.GBR.EURO $:23284_B7DON
>> >>
>> >>R:961022/2248 476827@GB7AVM.#49.GBR.EURO $:23284_GB7DON
>> >>
>> >>
>> >> [ BIDCHK Version 1.0 by W0RLI ]
>> >>
>> >>
>> >>
>> >>[...snip ^2...]
>> >>Between 476827@GB7AVM and 40160@GB7LWB
>> >>the BID was changed from 23284_GB7DON to 23284_B7DON
>> >>Headers are:
>> >>R:961025/2303 40160@GB7LWB.#27.GBR.EU $:23284_B7DON
>> >>
>> >>R:961022/2248 476827@GB7AVM.#49.GBR.EU $:23284_GB7DON
>> >>
>> >>
>> >> [ BIDCHK Version 1.0 by W0RLI ]
>> >>
>> >>
>> >>
>
>Oh Oh .... helmets everyone , there's those 4 letters again ! :-)
```

Strange as it might seem, nobody much cares what the Europeans wan't to call themselves ... EU is just fine. However, some of us don't use those antiquated two letter thingies, so we call them EURO.

If some sysops are still behind the times, they are certainly welcome to translate to "EU" or "ECU" or "EUROPA" or whatever the flavor of the day happens to be. A lot of us route on EURO though ... so that is what our systems will translate any of "EU" or "ECU" or "EUROPA" to, so that the messages will route where they need to go.

The same reasoning goes for "NA" of course. Call us "NA" if you like, but here we will see "NOAM" and route on that. We were GLAD to help out the Namibians when they asked.

Which PARTICULAR sets of characters are used for routing designators is totally unimportant. What IS important is that everyone use THE SAME SET. This group might be able to set such a standard.

Note that this is "the same" issue as the other issues raised with the BBS specification: without standards, the network cannot work.

Standards cannot be created by agreement between ALL sysops (or ALL users). They can only be created by a small group of people sitting down and working out the details. To try and do otherwise fails. When the main mass of sysops (users) refuse to accept those standards, then we have a mess, and EVERYONE loses. Don't tell me about presentation style, or politics, or any such. Don't care. Interested only in getting a job done.

The past history of the forum has been a complete failure to create and promulgate any standard. From the discussion of the past weeks, it appears \*possible\* that this group could indeed do something useful.

The discussions have gone well. Let's not drop the ball now ...

<no flames, this was not one!>

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com              "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

### 137. Re: [BBSSIG:3859] Re: WinFBB help?

From: msc@usa1.com  
Date: Wed, 13 Nov 1996 22:15:03 -0500  
To: bbssig@tapr.org  
Message-ID: <328A8EB7.5672@usa1.com>  
Rendered body type: text/plain

Rodney S Baker wrote:

>  
> On Sat, 9 Nov 1996 01:05:50 -0600 (CST) you wrote:  
>  
> >Hello all;  
> >I have a question for all the WIN F6FBB "experts"  
> >Does it ever run a full day with out messing up somewhere?  
>  
> > Does \*anything\* running under Windoze ever run a full day without  
> > messing up somewhere? ;-)  
>

Everything runs fine under Windoze...I have been running f6fbb5.15c/Winlink 1.13 and tylps software under 95 since March no crashes yet, only time it has been down is due to my errors or recently when I changed the CPU from a 100 to a 133

Mike wgli@wgli.fn42kk.ma.usa.na  
Internet msc@usa1.com or wgli@juno.com

---

### 138. Re: [BBSSIG:3864] Re: WinFBB help?

From: Marty Albert <marty@trucom.com>  
Date: Thu, 14 Nov 1996 00:25:04 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961114062504.006642fc@mail.trucom.com>  
Rendered body type: text/plain

At 12:25 PM 11/13/96 -0600, you wrote:  
>At 08:05 AM 11/13/96 -0600, vk5tty bashes windows without basis in fact:  
>>On Sat, 9 Nov 1996 01:05:50 -0600 (CST) you wrote:  
>>  
>>>Hello all;  
>>>I have a question for all the WIN F6FBB "experts"  
>>>Does it ever run a full day with out messing up somewhere?  
>>  
>>>Does \*anything\* running under Windoze ever run a full day without



>>messing up somewhere? ;-)  
>  
>Why yes, now that you ask, many things do.  
>  
>For example, the web server running on the system I'm typing this  
>message on has been up and running for several weeks with nary a  
>single glitch. P120, Win95. Solid as a rock.

hmmmm... I have had FBB 5.15c running under Winodws for over 2 years, the  
last year under Windows 95, and that's on an old 386DX-25 with 8 megs.

It's all in the configuration of the software and Windows.

Take care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Are You A Pipe Smoker? Have A Look!  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

### 139. Re: [BBSSIG:3872] Re: RE WORLI BID CHECK

From: Marty Albert <marty@trucom.com>  
Date: Thu, 14 Nov 1996 00:33:22 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961114063322.00674760@mail.trucom.com>  
Rendered body type: text/plain

At 07:02 PM 11/13/96 -0600, Hank wrote:

>Strange as it might seem, nobody much cares what the Europeans wan't  
>to call themselves ... EU is just fine. However, some of us don't use  
>those antiquated two letter thingies, so we call them EURO.  
>  
>If some sysops are still behind the times, they are certainly welcome  
>to translate to "EU" or "ECU" or "EUROPA" or whatever the flavor of  
>the day happens to be. A lot of us route on EURO though ... so that  
>is what our systems will translate any of "EU" or "ECU" or "EUROPA" to,  
>so that the messages will route where they need to go.  
>  
>The same reasoning goes for "NA" of course. Call us "NA" if  
>you like, but here we will see "NOAM" and route on that.  
>We were GLAD to help out the Namibians when they asked.  
>  
>Which PARTICULAR sets of characters are used for routing designators  
>is totally unimportant. What IS important is that everyone use  
>THE SAME SET. This group might be able to set such a standard.  
>  
>Note that this is "the same" issue as the other issues raised with the  
>BBS specification: without standards, the network cannot work.  
>  
>Standards cannot be created by agreement between ALL sysops (or ALL users).  
>They can only be created by a small group of people sitting down and  
>working out the details. To try and do otherwise fails. When the main  
>mass of sysops (users) refuse to accept those standards, then we have  
>a mess, and EVERYONE loses. Don't tell me about presentation style, or  
>politics, or any such. Don't care. Interested only in getting a job done.  
>  
>The past history of the forum has been a complete failure to create  
>and promulgate any standard. From the discussion of the past weeks,  
>it appears \*possible\* that this group could indeed do something useful.  
>  
>The discussions have gone well. Let's not drop the ball now ...  
>  
><no flames, this was not one!>  
>  
>Hank Oredson @ Mentor Graphics                      Library Operations  
>Internet           : hank\_oredson@mentorg.com       "Parts 'R Us!"  
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM  
>

Amen to all of the above!!!

We must develop a workable standard for several things, not the least of which is routing designators.

Let's go, folks!

I would be more than happy to help out in any way needed to get at least some of these issues resolved.

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Are You A Pipe Smoker? Have A Look!  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

## 140. Re: [BBSSIG:3872]

From: Paul Kearney <ei7gm@iol.ie>  
Date: Thu, 14 Nov 1996 13:37:23 +0000 (GMT)  
To: bbssig@tapr.org  
Message-ID: <Pine.sol.3.90.961114132828.8401B-100000@joyce.iol.ie>  
Rendered body type: text/plain

[snip ^n+1]  
> The same reasoning goes for "NA" of course. Call us "NA" if  
> you like, but here we will see "NOAM" and route on that.  
> We were GLAD to help out the Namibians when they asked.

[flame out/off]

Oh Oh again.....

I remember a certain "Brian" being very strong in his opinion that 4 letters had nothing to do with Namibia and wandering mail but now another says it did/does.....

I suppose we had better start off with "What colour/color is the sky ?"  
or maybe " 1 + 1 = ? "  
so everyone knows where everyone else is coming from and where some obviously want to go.

Have a Nice Day.  
paul

---

## 141. fwd parthner....

From: Ganis <yc7gns@pontianak.wasantara.net.id>  
Date: Thu, 14 Nov 1996 20:45:50 -0600  
To: bbssig@tapr.org  
Message-ID: <328BD95E.16D3@pontianak.wasantara.net.id>  
Rendered body type: text/plain

Hello All.

I'm a new comer and looking for fowarding parthner on my BBS in Pontianak, West Kalimantan, Indonesia. I'm run with FBB 7.00a. Thank you for read this msg.

Best 73's de Ganis. YC7GNS@YC7GNS.PNK.IDN.OC (AX-25)  
YC7GNS@PONTIANAK.WASANTARA.NET.ID (E-mail)

---

## 142. Re: [BBSSIG:3876] Re:

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Thu, 14 Nov 1996 10:23:16 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961114182316.006a1db0@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 07:44 AM 11/14/96 -0600, you wrote:  
>[snip ^n+1]  
>> The same reasoning goes for "NA" of course. Call us "NA" if  
>> you like, but here we will see "NOAM" and route on that.  
>> We were GLAD to help out the Namibians when they asked.

```

>
>[flame out/off]
>
>Oh Oh again....
>
>I remember a certain "Brian" being very strong in his opinion that
>4 letters had nothing to do with Namibia and wandering mail but now
>another says it did/does....
>
>I suppose we had better start off with "What colour/color is the sky ?"
>or maybe " 1 + 1 = ? "
>so everyone knows where everyone else is coming from and where some
>obviously want to go.
>
>Have a Nice Day.
>paul

```

Yes Paul, this is exactly what must be done to create standards.

Everyone must pay attention to what everyone else says ... and then everyone must agree to abide by the decisions made.

It is not easy ...

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM |                    |

---

### 143. Re: [BBSSIG:3872] Re: RE W0RLI BID CHECK

```

From: Brian Jones <bajones@larkhill.win-uk.net>
Date: Thu, 14 Nov 1996 23:15:37
To: bbssig@tapr.org
Message-ID: <249@larkhill.win-uk.net>
Rendered body type: text/plain

```

Greetings

```

>At 04:51 PM 11/13/96 -0600, you wrote:
>>>
>>> >>[...snip ^2..]
>>> >>Between 476827@GB7AVM and 40160@GB7LWB
>>> >>the BID was changed from 23284_GB7DON to 23284_B7DON
>>> >>Headers are:
>>> >>R:961025/2303 40160@GB7LWB.#27.GBR.EURO $:23284_B7DON
>>> >>
>>> >>R:961022/2248 476827@GB7AVM.#49.GBR.EURO $:23284_GB7DON
>>> >>
>>> >>
>>> >>[ BIDCHK Version 1.0 by W0RLI ]
>>> >>
>>> >>
>>> >>===== End of message #570926 =====
>>> >>[...snip ^2..]
>>> >>Between 476827@GB7AVM and 40160@GB7LWB
>>> >>the BID was changed from 23284_GB7DON to 23284_B7DON
>>> >>Headers are:
>>> >>R:961025/2303 40160@GB7LWB.#27.GBR.EU $:23284_B7DON
>>> >>
>>> >>R:961022/2248 476827@GB7AVM.#49.GBR.EU $:23284_GB7DON
>>> >>
>>> >>
>>> >>[ BIDCHK Version 1.0 by W0RLI ]
>>> >>
>>> >>
>>> >>===== End of message #570956 =====
>>>
>>>
>>Oh Oh .... helmets everyone , there's those 4 letters again ! :-)
>
>Strange as it might seem, nobody much cares what the Europeans wan't
>to call themselves ... EU is just fine. However, some of us don't use
>those antiquated two letter thingies, so we call them EURO.

You can give suggestion of addresses. However, it has been decided
in this country that we will continue to be GBR.EU. And no-one
outside of the originating mailboxes should ever change that.

>
>If some sysops are still behind the times, they are certainly welcome
>to translate to "EU" or "ECU" or "EUROPA" or whatever the flavor of

```

>the day happens to be. A lot of us route on EURO though ... so that  
>is what our systems will translate any of "EU" or "ECU" or "EUROPA" to,  
>so that the messages will route where they need to go.

Taking a quick look through the local White Pages data, there were  
LESS than 50 entries using EURO.

>  
>The same reasoning goes for "NA" of course. Call us "NA" if  
>you like, but here we will see "NOAM" and route on that.  
>We were GLAD to help out the Namibians when they asked.

Your decision to use NOAM is your decision and that is respected,  
though I am not sure if it has been fully adopted seeing the  
number of USA.NA entries still to be seen in White Pages.

>  
>Which PARTICULAR sets of characters are used for routing designators  
>is totally unimportant. What IS important is that everyone use  
>THE SAME SET. This group might be able to set such a standard.  
>  
>Note that this is "the same" issue as the other issues raised with the  
>BBS specification: without standards, the network cannot work.  
>  
>Standards cannot be created by agreement between ALL sysops (or ALL users).  
>They can only be created by a small group of people sitting down and  
>working out the details. To try and do otherwise fails. When the main  
>mass of sysops (users) refuse to accept those standards, then we have  
>a mess, and EVERYONE loses. Don't tell me about presentation style, or  
>politics, or any such. Don't care. Interested only in getting a job done.  
>

The decision to retain EU within GBR was taken at a meeting of  
SysOps which were not convinced of the need to make a change.

>The past history of the forum has been a complete failure to create  
>and promulgate any standard. From the discussion of the past weeks,  
>it appears \*possible\* that this group could indeed do something useful.  
>  
>The discussions have gone well. Let's not drop the ball now ...  
>  
><no flames, this was not one!>  
>  
>Hank Oredson @ Mentor Graphics                      Library Operations  
>Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
>

=====  
Brian Jones                                              Worcester, United Kingdom  
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU                      bajones@larkhill.win-uk.net  
=====

---

#### 144. Re: [BBSSIG:3831] Re: huh? "the BBS specification" ?

From: George Salinas <saltair@hargray.com>  
Date: Fri, 15 Nov 1996 01:05:41 -0500  
To: bbssig@tapr.org  
Message-ID: <328C0835.39E1@hargray.com>  
Rendered body type: text/plain

Charles E. Gelm wrote:

>  
> Joachim Schurig wrote:  
> >  
> > At 15:37 Uhr -0600 11.11.1996, Hank Oredson wrote:  
> > >At 12:55 PM 11/11/96 -0600, you wrote:  
> > >  
> > >>Message numbers are independent from BIDs/MIDs. You may style BIDs the way  
> > >>they look like your message numbers (+callsign), but  
> >  
> ..  
>  
> Check me on this:  
>  
> BIDs are used to flood messages and control duplicates.  
>  
> MIDs are used to remotely refer to messages on others machines.

```

>
> LIDs are used to locally refer to messages on my machine.
>
> ..
>
> (if your real local message number is > 65535)
> You can put your real message number in your header line as long as:
>
> (
> it isn't number@callsign
> it isn't #:number (or '$:number' or ?: )
> It is after R:YYMMDDHHMM[z] [@]callsign )
>
> and your header line is <= 79 characters
>
> and my software (probably) will not complain.
>
> 73, Chuck

```

Great Discussion. Lots of good information being passed from both sides of the pond. Glad to see the SIG alive and kicking.

73 George KD4FJ.

---

## 145. Re: [BBSSIG:3841] Re: Do \_you\_ HOLD local users bulletins?

From: George Salinas <saltair@hargray.com>  
 Date: Fri, 15 Nov 1996 01:10:36 -0500  
 To: bbssig@tapr.org  
 Message-ID: <328C095C.35B2@hargray.com>  
 Rendered body type: text/plain

Paul Kearney wrote:

```

>
> Lest "we" forget
>
> I WOULD LIKE TO THANK THOSE WHO SAT DOWN AND ACTUALLY WROTE BBS SOFTWARE
> FOR THEIR TIME+EFFORT+SLEEPLESS_NIGHTS_OF_DEBUGGING+ETC+ETC+ETC
>
> ( Yes , it deserves to be "shouted" )
>
> 73
> Paul
> ei7gm
>
> oo o o o o o o o o oo o oo o o o o o o
> o o o o o oo o o o oo o o o o o o o
> o oo o o o o o oo o o o o o o
>
> Learn Braille now while you have your sight - It's easier.

```

RRRR concur. Sometimes they get huffy but they are to be thanked more often.

73 George KD4FJ.

---

## 146. OOOOPS...

From: "Rod Fowler (AFA1NC)" <k2adj@mosquito.com>  
 Date: Fri, 15 Nov 1996 12:55:19 -0500 (EST)  
 To: bbssig@tapr.org  
 Message-ID: <199611151755.MAA22366@itchy.mosquito.com>  
 Rendered body type: text/plain

[Empty message body]  
 [Attachment: M.3; application/octet-stream; 873 bytes]

---

## 147. Re: [BBSSIG:3881] Re: Do \_you\_ HOLD local users bulletins?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
 Date: Fri, 15 Nov 1996 09:41:59 -0800  
 To: bbssig@tapr.org  
 Message-ID: <1.5.4.32.19961115174159.0069b93c@em-wv03.wv.mentorg.com>  
 Rendered body type: text/plain

At 12:15 AM 11/15/96 -0600, you wrote:

```

>Paul Kearney wrote:
>>
>> Lest "we" forget
>>
>> I WOULD LIKE TO THANK THOSE WHO SAT DOWN AND ACTUALLY WROTE BBS SOFTWARE

```

```
>> FOR THEIR TIME+EFFORT+SLEEPLESS_NIGHTS_OF_DEBUGGING+ETC+ETC+ETC
>>
>> ( Yes , it deserves to be "shouted" )
>>
>> 73
>> Paul
>> ei7gm
>>
>> oo o o o o o o o oo o oo o o o o o
>> o o o o oo o o o oo o o o oo o o
>> o oo o o o o oo o o o o o
>>
>> Learn Braille now while you have your sight - It's easier.
>
>
>RRRRR concur. Sometimes they get huffy but they are to be thanked more
>often.

"Huff Huff Huff ... Huffman!"

Thank you all!
>
>73 George KD4FJ.
>
>
>
```

```
Hank Oredson @ Mentor Graphics      Library Operations
Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM
```

## 148. 2 BE or Not 2 BE that is the Q.

```
From: ei7gm@iol.ie (Paul Kearney)
Date: Fri, 15 Nov 1996 20:49:42 +0000
To: bbssig@tapr.org
Message-ID: <199611152047.UAA07079@GP0.iol.ie>
Rendered body type: text/plain
```

```
IGNITION_OFF
FLAMES_OFF
FLAMES_OUT
PLAIN_ENGLISH_ON
```

```
>
>The same reasoning goes for "NA" of course. Call us "NA" if
>you like, but here we will see "NOAM" and route on that.
>We were GLAD to help out the Namibians when they asked.
>
>Which PARTICULAR sets of characters are used for routing designators
>is totally unimportant. What IS important is that everyone use
>THE SAME SET. This group might be able to set such a standard.
>
```

I do not insist on calling you NA , I call you what is in your mail header and I expect you to call me what is in my mail header and I also expect you to call anyone elsewhere on the globe what appears in their mail header including countries where these so-called problems were supposed to be occurring.

NA was good enough for most of the U.S.A and Canada for many years until problems arose including the 'problem' of Namibia and the expected use of ".EARTH" and ".PLUTO" when mankind starts expanding to other planets  
!!!! HA HA  
This was to keep in line with the pattern of 2.3.4.5 for the H-Address.  
Whats the 5-letter ident for Jupiter ! :-{

Then there was the need for 4 letters when operating a Satellite Gateway ....  
Yes, its official , without 4-letter-idents a Satellite Gateway is useless  
!!! HA HA

As for problems with Namibia....  
If someone is using packet addresses on the internet , I would further suggest that that person be admonished for his/her/its lack of consideration.

Those who know how to forward on the internet without causing Namibia any problems  
do so with efficiency and accuracy using the addresses that they know will

cause their  
messages to arrive at the intended destination.

>Note that this is "the same" issue as the other issues raised with the  
>BBS specification: without standards, the network cannot work.  
>  
As I said before , I have \*.NA and \*.NOAM in my forward file .Which  
implies that  
my forward file is coping with non-standard-operating somewhere in the continent  
known as 'North-America' ( but wait I hear this will also be changed because of  
another universal update being considered )

I have asked several American sysops what is going on and they have all said  
that  
the ''debate'' on .NOAM for the USA+CANADA is a waste of space+time.

>Standards cannot be created by agreement between ALL sysops (or ALL users).  
>They can only be created by a small group of people sitting down and  
>working out the details.  
Standards are normally created because of a need for them.  
Most of the world is working fine.  
Dont try and fix the world if the world aint broken .

If I may SUGGEST that those in favour/favor of 4 letter identifiers  
put their own back-yard in order BEFORE/BEFOR trying to change the rest of  
the world with their preachings.

For those who consider 2-letters to be bad , put your REAL REASONS on the table.

Wheres that wheelchair again.... I think a certain 4-letter idea is going to  
need it.

73  
Paul

```
oo o o o o o o o oo o oo o o o o o o
o o o o oo o o o oo o o o o o o
o oo o o o o o oo o o o o o
```

Learn Braille now while you have your sight - It's easier.

---

## 149. oops - try again

From: k2adj@juno.com (Rodney G Fowler)  
Date: Fri, 15 Nov 1996 23:15:53 UTC  
To: BBSSIG@tapr.org  
Message-ID: <19961115.232827.6391.1.k2adj@juno.com>  
Rendered body type: text/plain

Gee Willikers, a botched up B\$ at the bosses house! Have fun  
figuring out this one Hank... By the way, I loved the cartoon  
at the end, hi... 73 de Rod

-----  
SP SYSOP @ WW < N7DXT \$N7DXT6921  
Re: Bad software!  
R:961115/1207z 36731@K2ADJ.#SNJ.NJ.USA.NOAM \$:N7DXT6921  
R:961115/0812Z @:N8RAS.#SEPA.PA.USA.NOAM #:934 [Langhorne] \$:N7DXT6921  
R:961115/0813Z @:AA3CH.#SEPA.PA.USA.NOAM #:57426 [LINWOOD PA] \$:N7DXT6921  
R:961115/0025Z @:KA3FMO.#EPA.PA.USA.NA #:12213 [TELINK-INTERNET]  
\$:N7DXT6921  
R:961114/1231Z @:N9UWE.#ECIL.IL.USA.NA #:19504 [Westville] \$:N7DXT6921  
R:961113/0709 @:W0RLI.OR.USA.NA #:35481 B:N7DXT  
(Referring to N7DXT)  
> Why are you answering a personal message that I wrote to Hank,  
> w0rli?

It was on my system, and I chose to send my own reply  
----- snip snip -----

## 150. Re: [BBSSIG:3884] 2 BE or Not 2 BE that is the Q.

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Fri, 15 Nov 1996 16:09:49 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961116000949.00677264@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 02:49 PM 11/15/96 -0600, you wrote:

I will post exactly ONE followup on this NA / NOAM nonsense.  
The following is my \*opinion\* only.  
Lately I keep thinking "Why would I want to work with folks like this?"  
The answer keeps coming out "There is no reason."

>From my viewpoint, there is little reason to even attempt to create  
a standard for any aspect of packet radio, because of comments like  
the ones below. In fact I no longer work toward such goals, due to  
the lack of interest from the general community of sysops.

During the past two years, sysops have voted both by their actions  
and by their comments to take a course which will assure the destruction  
of such standards as now exist, and disallow the creation of any new  
standards. The recent nonsense about BIDCHK is a good case in point,  
as is this raising of the NA/NOAM issue yet again.

A few very vocal sysops will shout down any suggestion for improvement  
of the operation of the network. They will go to any means to halt  
experiments to make the network work better, to discover the source of  
network problems, or to create standards which might make the use of  
the network simpler for users.

We have recently seen intentional alteration of BIDs, mail bombing,  
arbitrary killing of messages, censorship of random message types,  
and other actions intended to destroy the smooth functioning of the  
network.

The sysops have spoken: anyone who attempt to improve things can  
expect little or no cooperation, will have their work vilified and  
insulted, and will receive huge quantities of hate mail.

Not much fun. No surprise the packet network has fallen apart  
in many parts of the world. Without standards, it will continue  
to fall apart, until it is gone.

With respect to the following post I have only one question:  
What is it's point? What is the goal of the author?

>>The same reasoning goes for "NA" of course. Call us "NA" if  
>>you like, but here we will see "NOAM" and route on that.  
>>We were GLAD to help out the Namibians when they asked.  
>>  
>>Which PARTICULAR sets of characters are used for routing designators  
>>is totally unimportant. What IS important is that everyone use  
>>THE SAME SET. This group might be able to set such a standard.  
>>  
>  
> I do not insist on calling you NA , I call you what is in your mail header  
>and I expect you to call me what is in my mail header and I also expect you to  
>call anyone elsewhere on the globe what appears in their mail header including  
>countries where these so-called problems were supposed to be occurring.

Didn't say "insist", said "if you like".  
Big difference.  
And, in fact, NA is never in my mail header.  
But other sysops choose to change my NOAM to NA.  
Fine by me (see the difference between "insist" and "if you like").

>NA was good enough for most of the U.S.A and Canada for many years until  
>problems arose including the 'problem' of Namibia and the expected use  
>of ".EARTH" and ".PLUTO" when mankind starts expanding to other planets  
>!!!! HA HA

Since the particular group of characters makes no difference, it  
was obvious we should simply change, and thus avoid the problem.  
But many sysops refused to cooperate, so we have chaos.



Such is life.

>This was to keep in line with the pattern of 2.3.4.5 for the H-Address.  
>Whats the 5-letter ident for Jupiter ! :-{

Who cares?

>Then there was the need for 4 letters when operating a Satellite Gateway ....  
>Yes, its official , without 4-letter-idents a Satellite Gateway is useless  
>!!! HA HA

Clearly you have no interest in creating a standard.  
What is your goal?

>As for problems with Namibia....  
>If someone is using packet addresses on the internet , I would further  
>suggest that that person be admonished for his/her/its lack of consideration.

What is your goal?

>Those who know how to forward on the internet without causing Namibia any  
>problems  
>do so with efficiency and accuracy using the addresses that they know will  
>cause their  
>messages to arrive at the intended destination.

But that is not how the real world works. People are ignorant.  
Those who are knowledgeable make mistakes.  
What is your goal in opposing the change?

>>Note that this is "the same" issue as the other issues raised with the  
>>BBS specification: without standards, the network cannot work.  
>>  
>As I said before , I have \*.NA and \*.NOAM in my forward file .Which  
>implies that  
>my forward file is coping with non-standard-operating somewhere in the  
continent  
>known as 'North-America' ( but wait I hear this will also be changed because of  
>another universal update being considered )

No, it implies that someone, somewhere, is still using NA.  
Nothing to do with North America at all.

>I have asked several American sysops what is going on and they have all said  
>that  
>the ''debate'' on .NOAM for the USA+CANADA is a waste of space+time.

Then why do they continue to debate instead of simply adopting a standard?

>>Standards cannot be created by agreement between ALL sysops (or ALL users).  
>>They can only be created by a small group of people sitting down and  
>>working out the details.  
>Standards are normally created because of a need for them.

Yes, like the NA/EU/SA etc. "standard" I created.

>Most of the world is working fine.

"Most" is not good enough for a standard.  
A standard requires "All".

>Dont try and fix the world if the world aint broken .

It's broken.

> If I may SUGGEST that those in favour/favor of 4 letter identifiers  
>put their own back-yard in order BEFORE/BEFOR trying to change the rest of  
>the world with their preachings.

Go whine somewhere else.  
Either make some useful suggestions, or please stop discussion of this  
topic (Barry? you listening?)

This issue was decided ages ago: there is no agreement between sysops,  
there will be no standard. There is no longer any point for discussion.

>For those who consider 2-letters to be bad , put your REAL REASONS on the

table.

Did. You and other didn't like them. Tough.  
So we have no standard. Too bad.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com              "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 151. Re: [BBSSIG:3885] oops - try again

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Fri, 15 Nov 1996 16:19:48 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961116001948.00681c6c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 05:19 PM 11/15/96 -0600, you wrote:  
>Gee Willikers, a botched up B\$ at the bosses house! Have fun  
>figuring out this one Hank... By the way, I loved the cartoon  
>at the end, hi... 73 de Rod

1) I do not forward with N9UWE ...  
2) Not my cartoon (don't have one in my sig)  
3) The BID in question was intentionally changed by  
    "persons unknown"

i.e. the children are still playing.

>  
>-----  
>SP SYSOP @ WW < N7DXT \$N7DXT6921  
>Re: Bad software!  
>R:961115/1207z 36731@K2ADJ.#SNJ.NJ.USA.NOAM \$:N7DXT6921  
>R:961115/0812Z @:N8RAS.#SEPA.PA.USA.NOAM #:934 [Langhorne] \$:N7DXT6921  
>R:961115/0813Z @:AA3CH.#SEPA.PA.USA.NOAM #:57426 [LINWOOD PA] \$:N7DXT6921  
>R:961115/0025Z @:KA3FMO.#EPA.PA.USA.NA #:12213 [TELINK-INTERNET]  
>\$:N7DXT6921  
>R:961114/1231Z @:N9UWE.#ECIL.IL.USA.NA #:19504 [Westville] \$:N7DXT6921  
>R:961113/0709 @:W0RLI.0R.USA.NA #:35481 B:N7DXT  
> (Referring to N7DXT)  
>> Why are you answering a personal message that I wrote to Hank,  
>> w0rli?  
>  
>It was on my system, and I chose to send my own reply  
> ----- snip snip -----  
>  
>  
>

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com              "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

## 152. Re: [BBSSIG:3886] Re: 2 BE or Not 2 BE that is the Q.

From: Edward Sadowski <edsadow@ids.net>  
Date: Fri, 15 Nov 1996 21:43:21 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961115214530.1b77f778@ids.net>  
Rendered body type: text/plain

The title of this thread reminds me of a Sinatra lyric: "Doobee doobee do..."

At 06:12 PM 11/15/96 -0600, you wrote:  
>At 02:49 PM 11/15/96 -0600, you wrote:  
>  
>I will post exactly ONE followup on this NA / NOAM nonsense.  
>The following is my \*opinion\* only.  
>Lately I keep thinking "Why would I want to work with folks like this?"  
>The answer keeps coming out "There is no reason."  
>  
>>From my viewpoint, there is little reason to even attempt to create  
>a standard for any aspect of packet radio, because of comments like  
>the ones below. In fact I no longer work toward such goals, due to  
>the lack of interest from the general community of sysops.  
>  
>During the past two years, sysops have voted both by their actions  
>and by their comments to take a course which will assure the destruction  
>of such standards as now exist, and disallow the creation of any new  
>standards. The recent nonsense about BIDCHK is a good case in point,

>as is this raising of the NA/NOAM issue yet again.  
>  
>A few very vocal sysops will shout down any suggestion for improvement  
>of the operation of the network. They will go to any means to halt  
>experiments to make the network work better, to discover the source of  
>network problems, or to create standards which might make the use of  
>the network simpler for users.  
>  
>We have recently seen intentional alteration of BIDs, mail bombing,  
>arbitrary killing of messages, censorship of random message types,  
>and other actions intended to destroy the smooth functioning of the  
>network.  
>  
>The sysops have spoken: anyone who attempt to improve things can  
>expect little or no cooperation, will have their work vilified and  
>insulted, and will receive huge quantities of hate mail.  
>  
>Not much fun. No surprise the packet network has fallen apart  
>in many parts of the world. Without standards, it will continue  
>to fall apart, until it is gone.  
>  
>With respect to the following post I have only one question:  
>What is it's point? What is the goal of the author?  
>  
>  
>>>The same reasoning goes for "NA" of course. Call us "NA" if  
>>>you like, but here we will see "NOAM" and route on that.  
>>>We were GLAD to help out the Namibians when they asked.  
>>>  
>>>Which PARTICULAR sets of characters are used for routing designators  
>>>is totally unimportant. What IS important is that everyone use  
>>>THE SAME SET. This group might be able to set such a standard.  
>>>  
>>  
>> I do not insist on calling you NA , I call you what is in your mail header  
>>and I expect you to call me what is in my mail header and I also expect you to  
>>call anyone elsewhere on the globe what appears in their mail header including  
>>countries where these so-called problems were supposed to be occurring.  
>  
>Didn't say "insist", said "if you like".  
>Big difference.  
>And, in fact, NA is never in my mail header.  
>But other sysops choose to change my NOAM to NA.  
>Fine by me (see the difference between "insist" and "if you like").  
>  
>>NA was good enough for most of the U.S.A and Canada for many years until  
>>problems arose including the 'problem' of Namibia and the expected use  
>>of ".EARTH" and ".PLUTO" when mankind starts expanding to other planets  
>>!!!! HA HA  
>  
>>Since the particular group of characters makes no difference, it  
>>was obvious we should simply change, and thus avoid the problem.  
>>But many sysops refused to cooperate, so we have chaos.  
>>Such is life.  
>  
>>This was to keep in line with the pattern of 2.3.4.5 for the H-Address.  
>>Whats the 5-letter ident for Jupiter ! :-{  
>  
>Who cares?  
>  
>>Then there was the need for 4 letters when operating a Satellite Gateway ....  
>>Yes, its official , without 4-letter-idents a Satellite Gateway is useless  
>>!!! HA HA  
>  
>>Clearly you have no interest in creating a standard.  
>>What is your goal?  
>  
>>As for problems with Namibia....  
>>If someone is using packet addresses on the internet , I would further  
>>suggest that that person be admonished for his/her/its lack of consideration.  
>  
>>What is your goal?  
>  
>>Those who know how to forward on the internet without causing Namibia any  
>>problems  
>>do so with efficiency and accuracy using the addresses that they know will  
>>cause their  
>>messages to arrive at the intended destination.  
>

>But that is not how the real world works. People are ignorant.  
>Those who are knowledgeable make mistakes.  
>What is your goal in opposing the change?  
>  
>  
>>>Note that this is "the same" issue as the other issues raised with the  
>>>BBS specification: without standards, the network cannot work.  
>>>  
>>As I said before , I have \*.NA and \*.NOAM in my forward file .Which  
>>implies that  
>>my forward file is coping with non-standard-operating somewhere in the  
>continent  
>>known as 'North-America' ( but wait I hear this will also be changed  
because of  
>>another universal update being considered )  
>  
>No, it implies that someone, somewhere, is still using NA.  
>Nothing to do with North America at all.  
>  
>  
>>I have asked several American sysops what is going on and they have all said  
>>that  
>>the ''debate'' on .NOAM for the USA+CANADA is a waste of space+time.  
>  
>Then why do they continue to debate instead of simply adopting a standard?  
>  
>>>Standards cannot be created by agreement between ALL sysops (or ALL users).  
>>>They can only be created by a small group of people sitting down and  
>>>working out the details.  
>>Standards are normally created because of a need for them.  
>  
>Yes, like the NA/EU/SA etc. "standard" I created.  
>  
>>Most of the world is working fine.  
>  
>"Most" is not good enough for a standard.  
>A standard requires "All".  
>  
>>Dont try and fix the world if the world aint broken .  
>  
>It's broken.  
>  
>> If I may SUGGEST that those in favour/favor of 4 letter identifiers  
>>put their own back-yard in order BEFORE/BEFOR trying to change the rest of  
>>the world with their preachings.  
>  
>Go whine somewhere else.  
>Either make some useful suggestions, or please stop discussion of this  
>topic (Barry? you listening?)  
>  
>This issue was decided ages ago: there is no agreement between sysops,  
>there will be no standard. There is no longer any point for discussion.  
>  
>>For those who consider 2-letters to be bad , put your REAL REASONS on the  
>table.  
>  
>Did. You and other didn't like them. Tough.  
>So we have no standard. Too bad.  
>  
>Hank Oredson @ Mentor Graphics                      Library Operations  
>Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
>Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM  
>  
>  
>

### 153. A question for Hank re BIDCHK...

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Sat, 16 Nov 96 14:05:47 est  
To: bbssig@tapr.org  
Message-ID: <199611160335.OAA08841@dove.mtx.net.au>  
Rendered body type: text/plain

Does BIDCHK act on both P and B messages? In other words, if a message which is incorrectly addressed and forwarded from VK5WI to VK5TTY (where it should have gone, say to VK5LZ) and I have to change the BID and bounce it back to get it to its correct destination (because if I \*don't\* change the BID, VK5WI will reject it as a dupe), if I'm running BIDCHK will it act on this?

Is it possible to configure it so it ignores P-type messages re-sent by sysops in this way and only acts on bulletins? If not, may I suggest that this aspect might need attention?

Cheers,  
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | aound???!?!
=====
```

---

## 154. unsubscribe

From: beppe@ns1.dinamica.it  
Date: Sat, 16 Nov 1996 12:02:10 +0100  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961116113600.096ff106@pt.dinamica.it>  
Rendered body type: text/plain

```
=====
Giuseppe Selvatici beppe@pt.dinamica.it
=====
```

---

## 155. BBS Standards

From: Marty Albert <marty@trucom.com>  
Date: Sat, 16 Nov 1996 11:02:23 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961116170223.00672c44@mail.trucom.com>  
Rendered body type: text/plain

Hello, Folks:

As Hank has pointed out, standards (call them specs if you like) can't be created by everyone... Just too big of a group to get a consensus in a reasonable time frame. What is usually done, is that a small (relatively) group writes the standards, accepts input, refines it, and then releases it.

The trick is to then get everyone to stick to the standard!

What I would propose is that the BBS software authors (or at least a good number of them) become the group that writes the standards. Quite frankly, if the BBS programs were all (re)written to a given standard, then the problems of non-standard protocols would disappear...

For example, if all BBSs handled BID/MID/LID issues the same way, there are no problems.

As another example, if BBSs were hard-coded to a particular continental designator set, there are no problems.

There is a long list of problems that could become non-issues with a decent set of standards.

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

```
*****
Interested in Amateur Radio?
http://www.trucom.com/ppages/marty
*****
```

---

## 156. Re: [BBSSIG:3886] Re: 2 BE or Not 2 BE that is the Q.

From: Roy <garlic@garlic.com>  
Date: Sat, 16 Nov 1996 09:14:18 -0800  
To: bbssig@tapr.org  
Message-ID: <328DF66A.7176@garlic.com>  
Rendered body type: text/plain

Hank Oredson wrote:

>  
>

> >From my viewpoint, there is little reason to even attempt to create  
> a standard for any aspect of packet radio, because of comments like  
> the ones below. In fact I no longer work toward such goals, due to  
> the lack of interest from the general community of sysops.  
>  
> During the past two years, sysops have voted both by their actions  
> and by their comments to take a course which will assure the destruction  
> of such standards as now exist, and disallow the creation of any new  
> standards. The recent nonsense about BIDCHK is a good case in point,  
> as is this raising of the NA/NOAM issue yet again.  
>

I have to 100% agree. After beating my head against the wall, I found its much easier not to. One of the prime reasons I dropped out of the active packet scene was that many would not compromise on the the standards that needed to be done.

Roy

---

### 157. Re: [BBSSIG:3892] Re: 2 BE or Not 2 BE that is the Q.

From: "george salinas" <saltair@hargray.com>  
Date: Sat, 16 Nov 1996 16:24:06 -0500  
To: <bbssig@tapr.org>  
Message-ID: <199611162131.QAA12029@fern.hargray.com>  
Rendered body type: text/plain

Truly a sad situation Roy. There are a lot of us that are reading this sig with interest and a desire that what you and Hank are saying does not come to pass. Keep plugging.

73, George KD4FJ.

-----  
> From: Roy <garlic@garlic.com>  
> To: bbssig@tapr.org  
> Subject: [BBSSIG:3892] Re: 2 BE or Not 2 BE that is the Q.  
> Date: Saturday, November 16, 1996 12:15 PM  
>  
> Hank Oredson wrote:  
> >  
> >  
> >>From my viewpoint, there is little reason to even attempt to create  
> > a standard for any aspect of packet radio, because of comments like  
> > the ones below. In fact I no longer work toward such goals, due to  
> > the lack of interest from the general community of sysops.  
> >  
> > During the past two years, sysops have voted both by their actions  
> > and by their comments to take a course which will assure the  
> destruction  
> > of such standards as now exist, and disallow the creation of any new  
> > standards. The recent nonsense about BIDCHK is a good case in point,  
> > as is this raising of the NA/NOAM issue yet again.  
> >  
> >  
> I have to 100% agree. After beating my head against the wall, I  
> found its much easier not to. One of the prime reasons I dropped  
> out of the active packet scene was that many would not compromise  
> on the the standards that needed to be done.  
>  
> Roy  
>

---

### 158. Re: [BBSSIG:3893] Re: 2 BE or Not 2 BE that is the Q.

From: "Rod Fowler (AFA1NC)" <k2adj@mosquito.com>  
Date: Sat, 16 Nov 1996 17:32:09 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611162232.RAA10550@itchy.mosquito.com>  
Rendered body type: text/plain

At 03:31 PM 11/16/96 -0600, you wrote:  
>Truly a sad situation Roy. There are a lot of us that are reading this sig  
>with  
>interest and a desire that what you and Hank are saying does not come to  
>pass. Keep plugging.

I have to agree with you, it used to be that if those in the "know" said

that this way or that way was a better way, that the rest would follow along to try it out. Now, regardless what is said, there is always someone that will be against any progress to resolving a problem and continue on their merry way regardless of the outcome. They are thinking ONLY of themselves!

To Hank and Roy, keep up the good work! There are those that appreciate it very much!

73 de Rod

---

## 159. Winows FBB

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sat, 16 Nov 1996 18:14:29 -0700  
To: bbssig@tapr.org  
Message-ID: <199611170114.SAA26176@acca.nmsu.edu>  
Rendered body type: text/plain

To anyone wanting to run WINFBB version 7:

My forwarding buddy WB7TLS tried hard to make it work but it crashed several times a day. Glenn is not stupid. He just killed it and went back to FBB for dos version 5.15c and has been up ever since.

F6CNB Remi is trying to make it work but it crashes many times every day. In the old days it was his JNOS that crashed but FBB 5.15c stayed up. Now his JNOS stays up fine but his BBS is down most of every day. I sure hope Remi deletes FBB version 7 and goes back to 5.15c that works.

This is real information that is valid today. The big argument about the bbs spec is trivia compared to this.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 160. Re Debate EU/EURO - NA/NOAM

From: Phillip Conza <phil@zl2tze.mlb.planet.gen.nz>  
Date: Sun, 17 Nov 1996 11:07:41 +1200  
To: bbssig@tapr.org  
Message-ID: <328fb67b.zl2tze@zl2tze.mlb.planet.gen.nz>  
Rendered body type: text/plain

Hi,

This is just a suggestion ..As this has been kicked about by 100s.

We are approaching the year 2000 , and in 1999 we have the WRC99, how about from NOW until then WRC99 we try and sort this 2 / 4 letter designator out..

I have asked several times about theses designators over the last 2 years and I don't want to start a Name Calling Debate on the matter..

Lets look at it from all sides of the coin and come to some arrangement where most agree to a set standard..

I am prepared to pull out of my White Page Database some 6000 BBS addresses and send the proposal to these .. This proposal would be the very same that was in PSR Fall 1994 Issue # 56 , if some one could send this to me :

As I said this is a suggestion comments welcome..

73 Phillip ZL2TZE

--

Phillip Conza  
AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC  
E-Mail private phil@zl2tze.mlb.planet.gen.nz

---

## 161. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Sun, 17 Nov 1996 04:16:35 +0100

To: bbssig@tapr.org  
 Message-ID: <103010603aeb4325d4671@[160.45.235.156]>  
 Rendered body type: text/plain

At 16:14 Uhr -0600 13.11.1996, Brian Jones wrote:

```
>
>>> > > MSG_NUM = <NUMBER, range 1 - 65535 (0xFFFF)>
>>> > Why the restriction on the number? If a software author wishes to
>>> > limit his program to only integer numbers, that is his/her choice.
>>> >
>>> Because there are BBS programs that will DIE if you send it a number
>>> greater than 65535. Remember these are interoperability
>>> specifications (specifically forwarding).
>>
>>Also some programs will get confused if 'they' detect a #:#### in the
>>mail header where the actual number is greater than 65535.
>>This first came to light when the first of the FBB systems went over
>>the 65536 and so announced this in the mail headers.
>>
>
> Surely, that problem only occurred because the system was trying
>to re-create a BID! Which should not be done!!
```

No problem when reading the \$: field for recovering MIDs.

```
>=====
>Brian Jones Worcester, United Kingdom
>G8ASO @ G8ASO.GB7GLO.#46.GBR.EU bajones@larkhill.win-uk.net
>=====
```

73 Joachim

```
-----
Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de
DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/
HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU
-----
```

## 162. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
 Date: Sun, 17 Nov 1996 04:15:41 +0100  
 To: bbssig@tapr.org  
 Message-ID: <103010600aeb422ba99cb@[160.45.235.156]>  
 Rendered body type: text/plain

At 10:15 Uhr -0600 12.11.1996, Charles E. Gelm wrote:

```
>Joachim Schurig wrote:
>>
>> At 19:44 Uhr -0600 11.11.1996, Roy wrote:
>> >Karl F. Larsen wrote:
>> >>
>> >> I have heard that F6FBB's english is as good as my french. Do you
>> >> think that might be why he never answered any of your messages?
>> >>
>> >
>> >
>> >Give us credit for having more than a marble for a brain
>>
>> Hm. My french is better than my english, so I had no problems to
>> communicate with Jean Paul. If you look for a complete documentation of FBB
>> style forward, take a look at my documentation. Or were you looking for
>> marbles?
>>
>> -----
>> Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de
>> DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/
>> HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU
>> -----
>
> Howdy, Joachim Schurig:
>
> Okay, I'll have a look.
>
> Where is it?
>
>73, Chuck nc8q
```

Hi Chuck, try this one:

<http://www.snafu.de/~wahlm/dpbox500.html>



-----  
Joachim Schurig,                   EMAIL:                   jschurig@zedat.fu-berlin.de  
DL8HBS                           WWW:       http://userpage.fu-berlin.de/~jschurig/  
                                 HamRadio:               DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

### 163. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Sun, 17 Nov 1996 04:16:07 +0100  
To: bbssig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <103010601aeb4239dcf18@[160.45.235.156]>  
Rendered body type: text/plain

At 10:52 Uhr -0600 12.11.1996, Charles E. Gelm wrote:

> Howdy, Joachim Schurig;  
>  
> I feel that we are missing something simple in this thread.  
>  
>How do you find       a 'specific' message on your machine?

I search for the BID/MID

>How do I     refer to a 'specific' message on your machine?

You tell me the BID/MID

>Just because a message has a unique BID doesn't mean it is not a 'dupe'.

Depends on the definition of "dupe".

>Just because a message has a duplicate BID doesn't mean that the message  
> body is duplicate. i.e. The BID was used once in 1988 and once in 1996  
> on different messages.

Not with the BID/MID system used in my soft.

Is your message number unique between 1988 and 1996?

>I don't forward messages over 365 days old, so I don't forward dupes that  
>are older than 365 days.

Fine. I block them after 30 days per default.

> I maintain a check list of BIDs that is less than 65,535 items.  
>  
> Each arriving message is compared to this list.  
>  
> Each arriving message's BID is 'shifted' onto this list and the oldest  
>one goes into the 'bit bucket'.

Used in whatever software throughout the world :)

> I will accept a duplicated BID if the old BID has been shifted into  
>the bit bucket. i.e. I will accept \$:1\_DL8HBS once a year, but not  
>once a month (more or less).

>  
>..

> Check me on this:

>  
>BIDs are used to flood messages and control duplicates.

>  
>MIDs are used to remotely refer to messages on others machines.

This was Hanks definition, not mine. In my words, a MID is exactly the same  
as a BID. BTW in FBB also. Only difference is that it is not presented in  
forward to systems not bearing "M" in SID.

Maybe we should better redefine the terms: Some systems use BIDs also for  
private mails, and MIDs in Hanks terminology are not used at all throughout  
amateur radio (no one realised before?)

>LIDs are used to locally refer to messages on my machine.

Never heard of LIDs.

>(if your real local message number is > 65535)  
> You can put your real message number in your header line as long as:  
>  
>(  
> it isn't number@callsign  
> it isn't #:number (or '\$:number' or ?: )  
> It is after R:YYMMDDHHMM[z] [0]callsign )  
>  
> and your header line is <= 79 characters  
>  
> and my software (probably) will not complain.  
>  
>73, Chuck

Has no use for none of us, so I will not. 32 bit unix time stamp is only used internally, never presented to a user (but in message title date field).

What do I use:

A unique BID/MID up to the year 2020 or so, then restarting with BIDs reserved for the 70s, using unix time stamp projected on a character set 0..9,A..Z. As we have 6 chars free in BID (without callsign).

A "faked" FBB message number, counting from 1..999999 for requests of user clients using the TPK / TSTHOST protocol.

--

Only handle to a message is the BID/MID. Using my algorithm (and that one of WAMPES) it is unique. If using those message number based algorithms, it is only a handle in conjunction with the approximate reception date.

What makes your message number (or LID) more suitable?

73 Joachim

-----  
Joachim Schurig,                   EMAIL:               jschurig@zedat.fu-berlin.de  
DL8HBS                   WWW:     http://userpage.fu-berlin.de/~jschurig/  
                          HamRadio:       DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

---

## 164. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Sun, 17 Nov 1996 04:16:19 +0100  
To: bbssig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <103010602aeb4303ec6a9@[160.45.235.156]>  
Rendered body type: text/plain

At 11:56 Uhr -0600 12.11.1996, Hank Oredson wrote:  
>At 09:25 PM 11/11/96 -0600, Barry wrote:  
>  
><snip>  
>  
>>The BBS spec has a mechanism for discussion - both packet and this BBSSIG.  
>>The change is easy; Hank just types it in.  
>  
>Yes, I will be glad to do that (and have in fact made the corrections  
>noted by several folks). Guess I should post the document here from  
>time to time. Can it also be placed somewhere on the TAPR site?

Don't forget to block letter "D" in SID as it is used since a long time by all german bbs softwares.

>Hank Oredson @ Mentor Graphics                   Library Operations  
>Internet       : hank\_oredson@mentorg.com       "Parts 'R Us!"  
>Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

73 Joachim

-----  
Joachim Schurig,                   EMAIL:               jschurig@zedat.fu-berlin.de  
DL8HBS                   WWW:     http://userpage.fu-berlin.de/~jschurig/  
                          HamRadio:       DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

## 165. Re: [BBSSIG:3895] Winows FBB

From: aa7ya@juno.com  
Date: Sat, 16 Nov 1996 19:53:27 MST  
To: bbssig@tapr.org  
Message-ID: <19961116.195242.5375.2.aa7ya@juno.com>  
Rendered body type: text/plain

On Sat, 16 Nov 1996 19:19:19 -0600 (CST) "Karl F. Larsen"  
<k5di@acca.nmsu.edu> writes:

> To anyone wanting to run WINFBB version 7:  
>  
> My forwarding buddy WB7TLS tried hard to make it work  
>but it crashed several times a day. Glenn is not stupid. He just killed  
it  
>and went back to FBB for dos version 5.15c and has been up ever since.  
>  
> F6CNB Remi is trying to make it work but it crashes  
>many times every day. In the old days it was his JNOS that crashed but  
FBB  
>5.15c stayed up. Now his JNOS stays up fine but his BBS is down most of  
>every day.  
>I sure hope Remi deletes FBB version 7 and goes back to 5.15c that  
>works.  
>  
>  
> This is real information that is valid today. The big argument  
>about the bbs spec is trivia compared to this.

The big argument is whether everyone will follow the same  
guidelines in using software for full service BBS's, i.e., what  
forwarding headers to use, how each message is addressed  
when forwarding to the next system, etc. Not what type of  
software they use, which is entirely one's own business, whether  
it be JNOS, TNOS, FBB, etc.

>  
>73, de Karl aka k5di  
>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

---

## 166. Re: [BBSSIG:3893] Re: 2 BE or Not 2 BE that is the Q.

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Sat, 16 Nov 1996 21:46:40 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611170348.VAA26940@mail.texoma.net>  
Rendered body type: text/plain

> Truly a sad situation Roy. There are a lot of us that are reading this  
sig  
> with  
> interest and a desire that what you and Hank are saying does not come to  
> pass. Keep plugging.  
>  
> 73, George KD4FJ.

I feel the same way.

73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

---

## 167. Re: [BBSSIG:3895] Winows FBB

From: KB6ZVP@aol.com  
Date: Sun, 17 Nov 1996 00:54:56 -0500  
To: bbssig@tapr.org  
Message-ID: <961117005455\_1916389904@emout14.mail.aol.com>  
Rendered body type: text/plain

In a message dated 96-11-16 20:39:46 EST, you write:

<< To anyone wanting to run WINFBB version 7:

My forwarding buddy WB7TLS tried hard to make it work but it crashed several times a day. Glenn is not stupid. He just killed it and went back to FBB for dos version 5.15c and has been up ever since.

F6CNB Remi is trying to make it work but it crashes many times every day. In the old days it was his JNOS that crashed but FBB 5.15c stayed up. Now his JNOS stays up fine but his BBS is down most of every day. I sure hope Remi deletes FBB version 7 and goes back to 5.15c that works.

This is real information that is valid today. The big argument about the bbs spec is trivia compared to this. >>

Greetings and Solicitations to All:

If I am in error, I apologize in advance. I thought this SIG was for the advancement of digital communications, like packet radio and such. Does anyone know how turn turn off the filter that lets all the negative stuff come though, and none of the positive stuff - like how to do this, and how to fix that? Lately, all I have received are the messages saying you can't do that, this sucks, it's impossible. I'd like to start getting the good stuff again.

I run WinFBB v7.00a. I have run it since it was first released. I installed over v5.15c, and had it working smoothly, in less time than it took to originally set up v5.15c. I did it in the absence of an Elmer and without any assistance from anyone. Since the installation of the program I have not had one single crash. Yes, it is true, Not One Single Crash!

I also run WiSP on the same computer, as well as the latest version of the Satgate Node software.

All this runs under Windows 95, including the patch that was released in August.

My computer is a generic 486DX4-120 that I built myself and has 32 Megabytes of RAM.

Since the installation of these programs, I have asked several SIG's, including this one for help and ideas for the expansion and greater understanding of digital communications, for myself, and to share with others in my area with the common interest of continuing the development of Packet Radio. The two I praise most high are Roy, W0SL, and Don, KI7AE. It seemed like they jumped at the opportunity to help me and provided the highest of Quality Assistance after I had exhausted all other means. Most others simply replied to me, stating "it's in the manual, can't you read". Even some, who are indeed old timers, were seriously negative and useless in their replies, and have often caused me to reconsider my love of Amateur Radio.

My point being: Anything can be done if you want to do it. I wanted to start a full service BBS and a Satgate Node. With next to no assistance, until it was actually on-line, I did it. It would have been a great deal easier if someone who knew something had volunteered their time and effort in providing some insight. I would have had a lot less stress initially. If someone is having some trouble, in any area of Ham Radio, we should pool our vast amount of knowledge, and collectively assist those in need.

Jean Paul, and all, has done a tremendous job with WinFBB. Correctly setup, it performs flawlessly. By the way, I also run it on top of BPQ, now without a glitch, thanks to another who's call I cannot remember, but went overboard to help me get it started when no other U.S. American Ham would help.

I certainly don't know it all (wish I did), but if there is anyone out there who needs help with WinFBB, or anything else I know something about, I'll certainly be there. For Anyone who can't seem to get it set up, I'll even bundle up the entire collection of software, zip it, and post it to your E-mail Box (It'll be huge though). All you'll have to do is edit your callsign and location, and forwarding routes.

"Internet" spelled another way is "Death to Packet Radio, in the absence of Evolution".

Digital communications ties up a vast portion of our allocated spectrum.

WinFBB is the continuing evolution of one of the "standards" that has made amateur digital communications what it is today. If we sit by and idly watch the world go round, fail to progress, fail to enhance our abilities, fail to provide a competitive and useful service, someone in Washington is going to sell off the spectrum to someone with enough money to make it profitable (Wow, deja vu). We can insist on remaining in a rut, such as 1200 baud for example, or get on with the business of making things better. If I had the knowledge, I'd write a program like the one America On Line has, for packet radio, but I am not that good - YET.

I am not proposing that one should obtain WinFBB in preference over another program. FBB is all that I have experience with, and it has it's "faults" or things I would like to see different. However, it does function as designed, and very well. I am confident with it enough to let my system remain operational while I go on vacation for weeks at a time.

By the way, I love the Internet. Until I had to shut down last month and move to Korea, Packet was my main source of communication. Now that I am here, the Internet is all I have. I am presently not allowed to put up any antenna. Although I am still negotiating that, it does not seem likely I

will be allowed to for quite some time. Do you think I could get one single person to bulk mail me the Packet traffic (i.e. Internet Forward)? No! Not a single person out there is willing to help out an isolated G.I., but the very mention of Internet Forwarding will bring down upon me such a flurry of nasty comments.

Oh, well, more non-assistance. I will survive without help and packet radio until I come home, but it sure would be nice and make my unfortunate stay here a lot happier if I had a buddy out there. I wonder if Packet Radio will still be around when I come out of this Black Hole, in spite of the anti-standards group, the anti-progressive group, the anti-appliance operator group, the anti-anti group and etc.

Replies to bbsig@tapr.org.

73 - Mark, kb6zvp@aol.com

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## 168. Re: [BBSSIG:3896] Re Debate EU/EURO - NA/NOAM

From: KB6ZVP@aol.com  
Date: Sun, 17 Nov 1996 00:55:00 -0500  
To: bbsig@tapr.org  
Message-ID: <961117005458\_604177168@emout15.mail.aol.com>  
Rendered body type: text/plain

In a message dated 96-11-16 21:38:55 EST, you write:

<< This is just a suggestion ..As this has been kicked about by 100s.

We are approaching the year 2000 , and in 1999 we have the WRC99, how about from NOW until then WRC99 we try and sort this 2 / 4 letter designator out..

>>

-Snip-

I agree, lets spend some time and attempt to poll as many operators as possible, world wide. Lets have a consensus of opinion and sort it out once and for all - and end the arguments.

For my part I vote for a two letter designator, simply on the grounds that it saves Bytes, and space in the headers. Being an environmentalist, I hate to waste anything. A two by designator will save a lot of bytes world wide.

I presently use NOAM, because those around me insist that I do, to remain "compatible".

Phillip, will you do the honors of amassing the data, or should this task be broken out to individual responsible persons for each country on the planet.

Replies to bbsig@tapr.org

73 - Mark, kb6zvp@aol.com

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## 169. Re: [BBSSIG:3904] Re: Re Debate EU/EURO - NA/NOAM

From: Marty Albert <marty@trucom.com>  
Date: Sun, 17 Nov 1996 01:11:03 -0600  
To: bbsig@tapr.org  
Message-ID: <1.5.4.32.19961117071103.00676974@mail.trucom.com>  
Rendered body type: text/plain

At 11:57 PM 11/16/96 -0600, you wrote:

>In a message dated 96-11-16 21:38:55 EST, you write:

>

><< This is just a suggestion ..As this has been kicked about by 100s.

>

> We are approaching the year 2000 , and in 1999 we have the WRC99, how about from NOW until then WRC99 we try and sort this 2 / 4 letter designator out..

> >>

>

>-Snip-

>

> I agree, lets spend some time and attempt to poll as many operators as possible, world wide. Lets have a consensus of opinion and sort it out once and for all - and end the arguments.

> For my part I vote for a two letter designator, simply on the grounds that it saves Bytes, and space in the headers. Being an environmentalist, I hate to waste anything. A two by designator will save a lot of bytes world wide.

> I presently use NOAM, because those around me insist that I do, to remain "compatible".

> Phillip, will you do the honors of amassing the data, or should this task be broken out to individual responsible persons for each country on the

>planet.  
>  
>Replies to bbssig@tapr.org  
>  
>73 - Mark, kb6zvp@aol.com  
>

Actually, I suspect that, by and large, the vast majority of SysOps and nearly all the users couldn't care less. All they worry about is if their mail gets through.

Like so mant things, there is a small handful of folks causing the problems.

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Are You A Pipe Smoker? Have A Look!  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

## 170. Re: huh? "the BBS specification" ?

From: aa7ya@juno.com  
Date: Sun, 17 Nov 1996 01:02:29 MST  
To: bbssig@tapr.org  
Message-ID: <19961117.010414.5327.2.aa7ya@juno.com>  
Rendered body type: text/plain

On Sat, 16 Nov 1996 21:27:04 -0600 (CST) Joachim Schurig  
<jschurig@zedat.fu-berlin.de> writes:

>At 10:52 Uhr -0600 12.11.1996, Charles E. Gelm wrote:

<snip>

>>LIDs are used to locally refer to messages on my machine.  
>  
>Never heard of LIDs.

I think it is the same as MID, since the MID shows what number,  
like on a FBB board that message was entered in the LOCAL  
BBS.

>  
>>(if your real local message number is > 65535)  
>> You can put your real message number in your header line as long as:  
>>  
>>(  
>> it isn't number@callsign  
>> it isn't #:number (or '\$:number' or ?: )  
>> It is after R:YYMMDDHHMM[z] [@]callsign )  
>>  
>> and your header line is <= 79 characters  
>>  
>> and my software (probably) will not complain.

Probably?? So there is a chance it will?....

>>73, Chuck

>-----  
>Joachim Schurig, EMAIL:  
>jschurig@zedat.fu-berlin.de  
>DL8HBS WWW:  
><http://userpage.fu-berlin.de/~jschurig/>  
> HamRadio: DL8HBS @  
>DB0GR.#BLN.DEU.EU  
>-----  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com

## 171. Re: [BBSSIG:3896] Re Debate EU/EURO - NA/NOAM

From: aa7ya@juno.com  
Date: Sun, 17 Nov 1996 01:20:51 MST  
To: bbssig@tapr.org  
Message-ID: <19961117.011717.5327.3.aa7ya@juno.com>  
Rendered body type: text/plain  
  
On Sat, 16 Nov 1996 20:12:05 -0600 (CST) Phillip Conza  
<phil@z12tze.mlb.planet.gen.nz> writes:

<snip>

> I am prepared to pull out of my White Page Database some 6000 BBS  
> addresses and send the proposal to these .. This proposal would be  
> the very same that was in PSR Fall 1994 Issue # 56 , if some one  
could  
> send this to me :

And it was you that said "BIDCHK is/will harm(ing) the network!"

... Get real.

I've been using NOAM, under no pressure from others saying that  
NA stood for Namibia, so I use NOAM. I don't think that a proposal  
at this point in time is going to sway anyone to change, since it  
has been said in a personal message I recieved a month ago, still  
intact in my archives....

"... What I do is none of your business ..." - Phil, ZL2TZE

> 73 Phillip ZL2TZE  
> --  
> Phillip Conza  
> AX25 ZL2TZE @ ZL2TZE.#73.NZL.OC  
> E-Mail private phil@z12tze.mlb.planet.gen.nz  
>  
>

73 de Stacey, AA7YA  
Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com  
Box 83 Whitetail, Montana 59276 (406) 779-3641

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## 172. Re: [BBSSIG:3895] Winows FBB

From: n0sms@clandjop.com (Frank D Mondt)  
Date: Sun, 17 Nov 1996 02:27:39 -0600  
To: <bbssig@tapr.org>  
Message-ID: <19961117082705044.AAA251@n0sms.clandjop.com>  
Rendered body type: text/plain

-----

> From: Karl F. Larsen <k5di@acca.nmsu.edu>  
> To: bbssig@tapr.org  
> Subject: [BBSSIG:3895] Winows FBB  
> Date: Saturday, November 16, 1996 7:19 PM  
>  
> To anyone wanting to run WINFBB version 7:  
>

It's too bad Karl , that you have to put down software that you and your  
cohorts can't  
get to run. There are plenty of us out there who have WINFBB up and running  
just fine.  
We are running it on KAMS and atop BPQ nodes. My WINFBB 700a has been up  
for  
a full 2 months without a SINGLE crash. Most of us have put it together  
ourselves with  
little or no outside help save a few scraps of information that may have  
floated across  
this SIG or via the packet network. We did it because we WANTED to make it  
work  
not sit back and Yowl about how bad it was and take every opportunity to  
espouse our  
favorite NOS software and alternate operating system. In short We WORKED at  
it until  
we had it running and running right.

I personally have helped put two more WINFBB BBS's on the air and they are running just as flawlessly as mine does. WINFBB CAN AND DOES RUN FLAWLESSLY IF SET UP CORRECTLY!! It just takes a bit of desire and devotion to the task.

Enuff said.....Frank

n0sms@n0sms.#swmo.mo.usa.noam  
n0sms@clandjop.com

> My forwarding buddy WB7TLS tried hard to make it work but  
> it  
> crashed several times a day. Glenn is not stupid. He just killed it and  
> went  
> back to FBB for dos version 5.15c and has been up ever since.  
>  
> F6CNB Remi is trying to make it work but it crashes many  
> times every day. In the old days it was his JNOS that crashed but FBB  
5.15c  
> stayed up. Now his JNOS stays up fine but his BBS is down most of every  
day.  
> I sure hope Remi deletes FBB version 7 and goes back to 5.15c that works.  
>  
>  
> This is real information that is valid today. The big argument  
about  
> the bbs spec is trivia compared to this.  
>  
>  
>  
> 73, de Karl aka k5di  
>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

### 173. Rep : [BBSSIG:3895] Winows FBB

From: F5IXR@aol.com  
Date: Sun, 17 Nov 1996 04:14:01 -0500  
To: bbssig@tapr.org  
Message-ID: <961117041400\_350684372@emout05.mail.aol.com>  
Rendered body type: text/plain

dr om,  
winfbb works correctly but there is many bugs, I have a friend of mine with  
winfbb but a lot of works for debbuging it....  
I can ask him what must be changing!  
73 larry  
(sorry for my english)

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### 174. Re: [BBSSIG:3905] Re: Re Debate EU/EURO - NA/NOAM

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Sun, 17 Nov 1996 03:48:18 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611170951.DAA28460@mail.texoma.net>  
Rendered body type: text/plain

According to Marty...

>  
> Actually, I suspect that, by and large, the vast majority of SysOps and  
> nearly all the users couldn't care less. All they worry about is if their  
> mail gets through.  
>  
> Like so mant things, there is a small handful of folks causing the  
problems.  
>

For my part, I find it difficult to understand how anyone can really expect universal consensus on NA/NOAM or any other issue. It isn't going to happen of course. Hams are people. If you fold up your tent and migrate every time you hear a discouraging word, I can only suggest that you may want to adjust to a nomadic lifestyle... You'll be spending a lot of time tent-folding and migrating anyway, if you truly base your decision as to whether to "stick to it" on whether everybody agrees with you or not.

The point is that "a small handful of folks causing the problems" is a pretty common feature of everyday reality, and people overlook such things



and get things done anyway every day. It happens.<sup>73</sup> DE Charles Brabham,  
N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

Most people who have thought this matter through agree that such packet BBS standardization as is possible will come about through the efforts of a small group of individuals, not the global packet radio community in it's entirety. (See above)

As Marty pointed out, most packet ops and SYSOPs do not have a strongly held opinion on NA/NOAM.. They just want the mail to go through. If I were an author of packet BBS software, I wouldn't spend two seconds worrying about obtaining universal consensus within the general packet radio community, or even among SYSOPs...  
I'd be talking with the other BBS authors, setting up lines of communication and an ongoing dialog. Obtaining universal consensus will be difficult, even in such a small group as that, but at least in such a small group it IS possible. - With hard work.

My suggestion is that if packet BBS authors really want to achieve a decent level of standardization they should start communicating with each other, and leave the rest of us out of the matter entirely. Of course you won't agree with each other on all or even most things. Even among small groups, consensus is not something which happens just because you would like it to. You have to WORK at it, swapping viewpoints and arguments for a while in order to allow a gestalt of your differing viewpoints to develop from which a consensus (and standards) can occur.

It is highly unlikely that ALL authors of BBS code will have a desire to join such a discussion, and of those who do join in, there will probably be one or two who will elect to "migrate" if they don't get their way often enough. I wouldn't be over concerned even about that.. Why? Because the packet BBS authors who DO work together will produce compatible, smoothly running software which will be much more successful and usable than what the "nomads" will be able to produce.

Remember about how most packet ops and SYSOPs mainly just want to see the mail go through? These people will show preference for the standardized software we can expect from communicating, organized codesmiths simply because those programs will work better and be more reliable.

There will always be "discouraging words", and there will always be "mavericks"...

So what? Get organized ( as much as possible ) and you'll get the last laugh.

73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

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## 175. Re: [BBSSIG:2844] Re: A few thoughts on the current debate

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Sun, 17 Nov 1996 08:53:38 -0800  
To: bbssig@tapr.org  
Message-ID: <328F4312.7D16@erinet.com>  
Rendered body type: text/plain

Greg Jones wrote:

>  
> The BBS SIG Page on the TAPR Web page (under SIG) has the list as of a few  
> years ago in the hier recommendation.  
>  
> Cheers - Greg  
>  
>  
> > Um, where can I obtain a list of hierarchical designators?  
> > I mean from I.S.O.  
> > The only hierarchical list I have shows  
> > na north america  
> > nam namibia.  
> >  
> > Chuck nc8q@nc8q.#day.oh.usa.n?\*  
> >  
> >  
> >Hi, Greg and All:

I see that .NA means Namibia and it is errant for me to indicate that my mailswitch is in Namibia. I see that TAPR's recommendation corrects this conflict.

Should we register our recommendations with the I.S.O. so that this might not happen in the future?

(Should Europe register .EU or .EURO with the I.S.O. as they may issue .eu to a country, not knowing that it is use among the amateur community ?)

Chuck  
nc8q

---

## 176. Re: [BBSSIG:3910] Re: Re Debate EU/EURO - NA/NOAM

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Sun, 17 Nov 1996 07:50:42 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611171354.HAA02666@mail.texoma.net>  
Rendered body type: text/plain

In a recent posting, my "signature" ended up somewhere in the middle of the message in addition to it's proper place at the end..

New software, dumb user.... Sorry, folks!

73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

---

## 177. Re: [BBSSIG:3890] unsubscribe

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Sun, 17 Nov 1996 09:04:00 -0800  
To: bbssig@tapr.org  
Message-ID: <328F4580.3081@erinet.com>  
Rendered body type: text/plain

beppe@ns1.dinamica.it wrote:

>  
> =====  
> Giuseppe Selvatici beppe@pt.dinamica.it  
> =====  
[Attachment: BBSSIG.INF; text/plain; 3,097 bytes]

---

## 178. Re: [BBSSIG:3898] Re: huh? "the BBS specification" ?

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Sun, 17 Nov 1996 09:26:07 -0800  
To: bbssig@tapr.org  
Message-ID: <328F4AAF.3EF@erinet.com>  
Rendered body type: text/plain

Joachim Schurig wrote:

>  
> At 10:15 Uhr -0600 12.11.1996, Charles E. Gelm wrote:  
> > Joachim Schurig wrote:  
> >>  
> >> At 19:44 Uhr -0600 11.11.1996, Roy wrote:  
> >> > Karl F. Larsen wrote:  
> >> >>  
> >> >> I have heard that F6FBB's english is as good as my french. Do you  
> >> >> think that might be why he never answered any of your messages?  
> >> >>  
> >> >  
> >> >  
> >> > Give us credit for having more than a marble for a brain  
> >>  
> >> Hm. My french is better than my english, so I had no problems to  
> >> communicate with Jean Paul. If you look for a complete documentation of FBB  
> >> style forward, take a look at my documentation. Or were you looking for  
> >> marbles?  
> >>  
> >> -----  
> >> Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de  
> >> DL8HBS WWW: <http://userpage.fu-berlin.de/~jschurig/>  
> >> HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU  
> >> -----  
> >  
> > Howdy, Joachim Schurig:  
> >  
> > Okay, I'll have a look.  
> >

```

> > Where is it?
> >
> >73, Chuck nc8q
>
> Hi Chuck, try this one:
>
> http://www.snafu.de/~wahlm/dpbox500.html
>
> 73 Joachim
>
> -----
> Joachim Schurig,          EMAIL:          jschurig@zedat.fu-berlin.de
> DL8HBS                    WWW:    http://userpage.fu-berlin.de/~jschurig/
>                            HamRadio:    DL8HBS @ DB0GR.#BLN.DEU.EU
> -----Hi, Joachim:

I am confused. I thought I was looking for the complete FBB forward
documentation. You sent me a URL: to DPBOX500.

?
Chuck
nc8q

```

---

## 179. Re: [BBSSIG:3904] Re: Re Debate EU/EURO - NA/NOAM

```

From: "Charles E. Gelm" <gelmce@erinet.com>
Date: Sun, 17 Nov 1996 09:42:53 -0800
To: bbssig@tapr.org
Message-ID: <328F4E9D.281@erinet.com>
Rendered body type: text/plain

KB6ZVP@aol.com wrote:
>
> In a message dated 96-11-16 21:38:55 EST, you write:
>
> << This is just a suggestion ..As this has been kicked about by 100s.
>
> We are approaching the year 2000 , and in 1999 we have the WRC99, how
> about from NOW until then WRC99 we try and sort this 2 / 4 letter
> designator out..
> >>
>
> -Snip-
>
> I agree, lets spend some time and attempt to poll as many operators as
> possible, world wide. Lets have a consensus of opinion and sort it out once
> and for all - and end the arguments.
> For my part I vote for a two letter designator, simply on the grounds that
> it saves Bytes, and space in the headers. Being an environmentalist, I hate
> to waste anything. A two by designator will save a lot of bytes world wide.
> I presently use NOAM, because those around me insist that I do, to remain
> "compatible".
> Phillip, will you do the honors of amassing the data, or should this task
> be broken out to individual responsible persons for each country on the
> planet.
>
> Replies to bbssig@tapr.org
>
> 73 - Mark, kb6zvp@aol.comHi, Mark:

I will use NOAM because it is a suggested standard designator. It does not
conflict with the I.S.O. I would like a one or two letter continental designator.
Whatever we choose, we should register it with the I.S.O. so they might not
assign it to another geographical/geo-political area in the future.

Chuck
nc8q

```

---

## 180. Re: [BBSSIG:3905] Re: Re Debate EU/EURO - NA/NOAM

```

From: "Charles E. Gelm" <gelmce@erinet.com>
Date: Sun, 17 Nov 1996 09:59:59 -0800
To: bbssig@tapr.org
Message-ID: <328F529F.534A@erinet.com>
Rendered body type: text/plain

Marty Albert wrote:
>
> At 11:57 PM 11/16/96 -0600, you wrote:
> >In a message dated 96-11-16 21:38:55 EST, you write:
> >
> >

```



```

> On Sat, 16 Nov 1996 21:27:04 -0600 (CST) Joachim Schurig
> <jschurig@zedat.fu-berlin.de> writes:
>
> >At 10:52 Uhr -0600 12.11.1996, Charles E. Gelm wrote:
>
> <snip>
>
> >>LIDs are used to locally refer to messages on my machine.
> >
> >>Never heard of LIDs.
>
> I think it is the same as MID, since the MID shows what number,
> like on a FBB board that message was entered in the LOCAL
> BBS.
>
> >
> >>(if your real local message number is > 65535)
> >> You can put your real message number in your header line as long as:
> >>
> >>(
> >> it isn't number@callsign
> >> it isn't #:number (or '$:number' or ?: )
> >> It is after R:YYMMDDHHMM[z] [@]callsign )
> >>
> >> and your header line is <= 79 characters
> >>
> >> and my software (probably) will not complain.
>
> Probably?? So there is a chance it will?....
>
> >>73, Chuck
>
>
>-----
> >Joachim Schurig, EMAIL:
> >jschurig@zedat.fu-berlin.de
> >DL8HBS WWW:
> >http://userpage.fu-berlin.de/~jschurig/
> > HamRadio: DL8HBS @
> >DB0GR.#BLN.DEU.EU
>
>-----
> >
>
> 73 de Stacey, AA7YA
> Packet: AA7YA@AA7YA.#NEMT.MT.USA.NOAM
> E-mail: aa7ya@juno.com -or- aa7ya@bigsky.com
> Box 83 Whitetail, Montana 59276 (406) 779-3641

```

Hi, Stacey:

I dunno, I think I saw a #####@callsign lately, but it might not like a #:##### in a header line. I'll betcha Mr. H. Roy could 'nip it in the bud' tho. I am running AA4RE BB v2.1r. I remember there was a problem, I just don't remember if it was with bb.v21r or my neighbors.

73, Chuck  
nc8q

## 182. Re: [BBSSIG:3905] Re: Re Debate EU/EURO - NA/NOAM

```

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Sun, 17 Nov 1996 09:02:50 -0700
To: bbssig@tapr.org
Message-ID: <199611171602.JAA13422@acca.nmsu.edu>
Rendered body type: text/plain

At 01:11 AM 11/17/96 -0600, you wrote:
>At 11:57 PM 11/16/96 -0600, you wrote:
>>In a message dated 96-11-16 21:38:55 EST, you write:
>>
>><< This is just a suggestion ..As this has been kicked about by 100s.
>>
>> We are approaching the year 2000 , and in 1999 we have the WRC99, how
>> about from NOW until then WRC99 we try and sort this 2 / 4 letter
>> designator out..
>> >>
>>
>>-Snip-

```

>>  
>> I agree, lets spend some time and attempt to poll as many operators as  
>>possible, world wide. Lets have a consensus of opinion and sort it out once  
>>and for all - and end the arguments.

Excellent. Let's do that.

>> For my part I vote for a two letter designator, simply on the grounds that  
>>it saves Bytes, and space in the headers. Being an environmentalist, I hate  
>>to waste anything. A two by designator will save a lot of bytes world wide.  
>> I presently use NOAM, because those around me insist that I do, to remain  
>>"compatible".  
>> Phillip, will you do the honors of amassing the data, or should this task  
>>be broken out to individual responsible persons for each country on the  
>>planet.  
>>  
>>Replies to bbssig@tapr.org  
>>  
>>73 - Mark, kb6zvp@aol.com  
>>  
>  
>Actually, I suspect that, by and large, the vast majority of SysOps and  
>nearly all the users couldn't care less. All they worry about is if their  
>mail gets through.  
>

For sure Marty. And almost everyone sends eu and euro to exactly the  
same place.

>Like so mant things, there is a small handful of folks causing the problems.  
>  
>Take Care & 73  
>  
>  
>Marty Albert - marty@trucom.com  
>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM  
>  
>Heartland Internet Services  
>  
>\*\*\*\*\*  
>Are You A Pipe Smoker? Have A Look!  
><http://www.trucom.com/ppages/marty>  
>\*\*\*\*\*  
>

Gave up the pipe 10 years ago. To much trouble at work.

I have participated in the great debate over na and noam for 5  
years. Nothing has been accomplished. I have not seen a complete listing of  
all the world, country designators ever. TAPR has a beginning but it is not  
done. So I have a suggestion.

Why don't a group of bbs sysops get together and armed with the tapr  
list, fill in the missing information over a 3 month period. Then this same  
Group can publish a useful document. All the continent designators are  
defined. It's the country and "state" designators we need.

This then will be the defacto "standard". A sysop should use it to  
help him make a forward.xxx file. They can deviate from it too, but do so  
without a lot of noise.

I will do this job if asked. If asked I will need world wide support.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

### 183. Re: huh? "the BBS specification" ?

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Mon, 18 Nov 1996 00:14:16 +0100  
To: bbssig@tapr.org  
Message-ID: <103010600aeb54773d80d@[160.45.235.156]>  
Rendered body type: text/plain

At 08:29 Uhr -0600 17.11.1996, Charles E. Gelm wrote:

>Joachim Schurig wrote:

>>

>> At 10:15 Uhr -0600 12.11.1996, Charles E. Gelm wrote:

```

>> >Joachim Schurig wrote:
>> >>
>> >> At 19:44 Uhr -0600 11.11.1996, Roy wrote:
>> >> >Karl F. Larsen wrote:
>> >> >>
>> >> >> I have heard that F6FBB's english is as good as my french.
>> >> Do you
>> >> >> think that might be why he never answered any of your messages?
>> >> >>
>> >> >>
>> >> >>
>> >> >> Give us credit for having more than a marble for a brain
>> >>
>> >> Hm. My french is better than my english, so I had no problems to
>> >> communicate with Jean Paul. If you look for a complete documentation
>> >> of FBB
>> >> style forward, take a look at my documentation. Or were you looking for
>> >> marbles?
>> >>
>> >> -----
>> >> Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de
>> >> DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/
>> >> HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU
>> >> -----
>> >
>> > Howdy, Joachim Schurig:
>> >
>> > Okay, I'll have a look.
>> >
>> > Where is it?
>> >
>> >73, Chuck nc8q
>>
>> Hi Chuck, try this one:
>>
>> http://www.snafu.de/~wahlm/dpbox500.html
>>
>> 73 Joachim
>>
>> -----
>> Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de
>> DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/
>> HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU
>>
>>-----Hi, Joac
>>him:
>
> I am confused. I thought I was looking for the complete FBB forward
>documentation. You sent me a URL: to DPBOX500.
>
>?
>Chuck
>nc8q

```

Chuck, at the given URL you find my documentation. It contains the complete FBB forward documentation.

73 Joachim

```

-----
Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de
DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/
HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU
-----

```

## 184. Re: [BBSSIG:3918] Re: Debate EU/EURO - NA/NOAM

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Sun, 17 Nov 1996 23:12:10  
To: bbssig@tapr.org, bbssig@tapr.org  
Cc: k5di@juno.com  
Message-ID: <253@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

I should have on file a list of all countries, with their three letter codes, also probably the two letter codes for most countries. But it is just about bed time here, so will sort it out tomorrow and send it along.

The list does not define what continents the countries are in.

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

---

## 185. Re: [BBSSIG:3920] Re: Debate EU/EURO - NA/NOAM

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sun, 17 Nov 1996 20:28:28 -0700  
To: bbssig@tapr.org  
Message-ID: <199611180328.UAA28615@acca.nmsu.edu>  
Rendered body type: text/plain

At 05:40 PM 11/17/96 -0600, you wrote:

>  
>Greetings  
>  
> I should have on file a list of all countries, with their three  
>letter codes, also probably the two letter codes for most  
>countries. But it is just about bed time here, so will sort it  
>out tomorrow and send it along.  
>  
> The list does not define what continents the countries are in.  
>

That is too bad, but the group can do that too. As I recall there  
was some arguments over which continent most of Europe is in.

>73 Brian

>  
>  
>  
>  
>=====

```
>Brian Jones                               Worcester, United Kingdom
>G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
>=====
```

>  
>  
>73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 186. Re: [BBSSIG:3921] Re: Debate EU/EURO - NA/NOAM

From: ddillaby@ddillaby.mv.com  
Date: Sun, 17 Nov 1996 23:17:49 -0500  
To: bbssig@tapr.org  
Message-ID: <199611180420.XAA22291@bort.mv.net>  
Rendered body type: text/plain

At 09:30 PM 11/17/96 -0600, you wrote:

>At 05:40 PM 11/17/96 -0600, you wrote:

>>  
>>Greetings  
>>  
>> I should have on file a list of all countries, with their three  
>>letter codes, also probably the two letter codes for most  
>>countries. But it is just about bed time here, so will sort it  
>>out tomorrow and send it along.  
>>  
>> The list does not define what continents the countries are in.  
>>

> That is too bad, but the group can do that too. As I recall there  
>was some arguments over which continent most of Europe is in.  
>

I would hazard a guess it was not a question of which continent most of  
Europe is in, but rather which continent most of Russia was in since Europe  
is considered a continent.

>>73 Brian  
>>  
>>



```
>>
>>=====
>>Brian Jones                      Worcester, United Kingdom
>>G8ASO @ G8ASO.GB7GL0.#46.GBR.EU  bajones@larkhill.win-uk.net
>>=====
>>
>>
>73, de Karl aka k5di
>
>      Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303
>      k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com
>
>
>
Don Dillaby kalgoz@kalgoz.fn42hr.nh.usa.noam
```

---

### 187. Re: [BBSSIG:3921] Re: Debate EU/EURO - NA/NOAM

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Sun, 17 Nov 1996 23:37:33 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611180437.XAA29016@itchy.mosquito.com>  
Rendered body type: text/plain

Course, you could forget all about the continental designator entirely and that would eliminate the argument over na/noam and eu/euro.. Which countries are in or on what continent? Why not stop the H\$ right at the COUNTRY 3 letter designator. Only real problem with this is that all the BBS's would have to add the countries to their forwarding files, ooooooh all that extra work? Oh NO!

73 de Rod

---

### 188. Re: [BBSSIG:3922] Re: Debate EU/EURO - NA/NOAM

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
Date: Sun, 17 Nov 1996 23:57:38 -0600  
To: bbssig@tapr.org  
Message-ID: <v03007800aeb5a8023c82@[128.83.190.22]>  
Rendered body type: text/plain

>I would hazard a guess it was not a question of which continent most of  
>Europe is in, but rather which continent most of Russia was in since Europe  
>is considered a continent.

I believe that many might miss the reason for the continent designator, at least as it was explained to me by the first authors of the two proposals that became this last version of the recommendation.

The continent designators are to help with routing, they don't have to be geographically perfect. The last proposal referenced in the recommendation used proposed that while Table 1 listed certain names, they did not have to be the only ones...that new ones more fitting of area designators \_should\_ be defined.

If we all know where everyone is located (i.e. country or nation); if the packet network is so overloaded such that the overhead of 2 characters times N number of header seems to be a problem; and if there is no agreement on the continent designator to be used, but everyone seems to agree on country designators, why not just eliminate the continent designator ?

Then it is just a matter of making the agreed upon country files available in the several formats normally used and the average BBS Sysop would only have to include that information in their setup.

Cheers - Greg, WD5IVD

-----  
Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
<http://www.tapr.org/~wd5ivd>  
-----

---

### 189. Re: Debate EU/EURO - NA/NOAM

From: aa7ya@juno.com  
Date: Mon, 18 Nov 1996 00:06:34 MST  
To: bbssig@tapr.org  
Message-ID: <19961118.000236.5367.0.aa7ya@juno.com>

Rendered body type: text/plain

On Sun, 17 Nov 1996 21:30:02 -0600 (CST) "Karl F. Larsen"  
<k5di@acca.nmsu.edu> writes:

>At 05:40 PM 11/17/96 -0600, you wrote:  
>>  
>>Greetings  
>>  
>> I should have on file a list of all countries, with their three  
>>letter codes, also probably the two letter codes for most  
>>countries. But it is just about bed time here, so will sort it  
>>out tomorrow and send it along.  
>>  
>> The list does not define what continents the countries are in.  
>>  
> That is too bad, but the group can do that too. As I recall  
>there was some arguments over which continent most of Europe is in.

Europe is a continent, Karl.... On another note, someone mentioned  
something about Russia being entirely in Europe, well, Russia  
does extend north of China, which is in Asia, have you ever  
heard of Asiatic Russia? Looks like some folks need to brush  
up on their geography. It is my hope that you know which  
continent you live in, not what colour it is on a map.

>  
>  
>>73 Brian  
>>  
>>  
>>  
>>=====

|                                   |                             |
|-----------------------------------|-----------------------------|
| >>Brian Jones                     | Worcester, United Kingdom   |
| >>G8ASO @ G8ASO.GB7GL0.#46.GBR.EU | bajones@larkhill.win-uk.net |

>>=====

>>  
>>  
>73, de Karl aka k5di  
>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com  
>  
>

Stacey

---

## 190. Re: [BBSSIG:3924] Re: Debate EU/EURO - NA/NOAM

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 18 Nov 1996 05:25:57 -0700  
To: bbssig@tapr.org  
Message-ID: <199611181225.FAA08694@acca.nmsu.edu>  
Rendered body type: text/plain

At 12:11 AM 11/18/96 -0600, you wrote:  
>>I would hazard a guess it was not a question of which continent most of  
>>Europe is in, but rather which continent most of Russia was in since Europe  
>>is considered a continent.  
>  
>  
>I believe that many might miss the reason for the continent designator, at  
>least as it was explained to me by the first authors of the two proposals  
>that became this last version of the recommendation.  
>  
>The continent designators are to help with routing, they don't have to be  
>geographically perfect. The last proposal referenced in the recommendation  
>used proposed that while Table 1 listed certain names, they did not have to  
>be the only ones...that new ones more fitting of area designators \_should\_  
>be defined.  
>  
>If we all know where everyone is located (i.e. country or nation); if the  
>packet network is so overloaded such that the overhead of 2 characters  
>times N number of header seems to be a problem; and if there is no  
>agreement on the continent designator to be used, but everyone seems to  
>agree on country designators, why not just eliminate the continent  
>designator ?  
>  
>Then it is just a matter of making the agreed upon country files available  
>in the several formats normally used and the average BBS Sysop would only

>have to include that information in their setup.  
>

A final provision must be that the file WORKS. I agree that in the long run continents are not needed. Now the continents are used by most users to route mail "in the right direction".

A file can be written that lets the sysop Group countries. I can do it in FBB and TNOS. It is just handy to have eu euro mean Europe, which is East of here. Today I have

\*@\*.eu f6cnb  
\*@\*.euro f6cnb

This is handy for a sysop not doing HF or Space forwarding. If we can agree to do it, it would be nice to erase one of the lines above. But it is not in the least critical.

Looks like a fun and useful project for our spare time. Won't solve anything but might help a lot of sysops that get error messages when a user sends a reply to a message from Zambia...:-)

>  
>Cheers - Greg, WD5IVD  
>  
>-----  
>Greg Jones, WD5IVD  
>Austin, Texas  
>wd5ivd@tapr.org  
>http://www.tapr.org/~wd5ivd  
>-----  
>  
>  
>  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

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## 191. Re: [BBSSIG:3923] Re: Debate EU/EURO - NA/NOAM

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 18 Nov 1996 05:33:33 -0700  
To: bbssig@tapr.org  
Message-ID: <199611181233.FAA08829@acca.nmsu.edu>  
Rendered body type: text/plain

At 10:39 PM 11/17/96 -0600, you wrote:  
>Course, you could forget all about the continental designator entirely and that  
>would eliminate the argument over na/noam and eu/euro.. Which countries are  
>in or on what continent? Why not stop the H\$ right at the COUNTRY 3 letter  
>designator. Only real problem with this is that all the BBS's would have to add  
>the countries to their forwarding files, ooooooh all that extra work? Oh NO!  
>  
>73 de Rod  
>

Hi Rod, well it is jelling out that the service a Group could provide is to provide sysop's with a file that takes care of all that extra work. I think the file can be so small that it can be sent by Packet Radio!

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 192. Re: [BBSSIG:3925] Re: Debate EU/EURO - NA/NOAM

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Mon, 18 Nov 96 23:10:29 est  
To: bbssig@tapr.org  
Message-ID: <199611181239.XAA00226@dove.mtx.net.au>  
Rendered body type: text/plain

On Mon, 18 Nov 1996 01:12:53 -0600 (CST) you wrote:

```

>On Sun, 17 Nov 1996 21:30:02 -0600 (CST) "Karl F. Larsen"
><k5di@acca.nmsu.edu> writes:
>
>>At 05:40 PM 11/17/96 -0600, you wrote:
>>>
>>>Greetings
>>>
>>> I should have on file a list of all countries, with their three
>>>letter codes, also probably the two letter codes for most
>>>countries. But it is just about bed time here, so will sort it
>>>out tomorrow and send it along.
>>>
>>> The list does not define what continents the countries are in.
>>>
>> That is too bad, but the group can do that too. As I recall
>>there was some arguments over which continent most of Europe is in.
>
>Europe is a continent, Karl.... On another note, someone mentioned
>something about Russia being entirely in Europe, well, Russia
>does extend north of China, which is in Asia, have you ever
>heard of Asiatic Russia? Looks like some folks need to brush
>up on their geography. It is my hope that you know which
>continent you live in, not what colour it is on a map.
>[...]

```

In doing this it is worth bearing in mind the fact that many continent designators currently in use reflect the forwarding paths taken to get to certain countries. For instance, everyone knows that Israel is in the Middle East but the hierarchical address for Israel was \*.ISR.EU (are they still using this???) because the mail forwarding was via Europe and this made routing things easier.

Routing via countries is a real pain and would make for much more chaos because every BBS everywhere in the world would need to have an entry for every country they're likely to want to send mail to. Current systems routing via continent designators mean that routing overseas mail is far easier. All I need to know to get mail to, for example, Romania, is that Romania is in Europe and therefore I send mail to my national gateway which forwards to Europe.

One of the biggest gripes sysops in this part of the world had with the 4-letter designators proposed and debated several times over ad-nauseum is that they did not take into account (or did not appear to) international forwarding routes currently in operation and thus would have required major rework of routing tables for many BBS's. Whatever system is eventually chosen as a standard needs to take these factors into account.

Cheers,  
Rod.

```

=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | awound???!?!
=====

```

## 193. Re: [BBSSIG:3928] Re: Debate EU/EURO - NA/NOAM

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 18 Nov 1996 09:57:24 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961118175724.0069ba00@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 06:43 AM 11/18/96 -0600, VK5ZTV wrote:

```

>One of the biggest gripes sysops in this part of the world had with
>the 4-letter designators proposed and debated several times over
>ad-nauseum is that they did not take into account (or did not appear
>to) international forwarding routes currently in operation and thus
>would have required major rework of routing tables for many BBS's.
>Whatever system is eventually chosen as a standard needs to take these
>factors into account.

```

They were a \*suggestion\* and an initial list.

It is up to the folks within a region to decide what designators they might need, and to come up with useful names for them.

For example, using "EURP" to mean "Australia, New Zealand, and Papua New Guinea but not Tasmania" would not be a good idea ...

i.e. the proposal was just that, a proposal.

(No, it was not \*my\* proposal. Mine was NA/EU/etc.)

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Amateur Radio: W0RLI@W0RLI.0R.USA.NOAM

---

#### 194. Re: [BBSSIG:3911] Re: A few thoughts on the current debate

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 18 Nov 1996 09:57:21 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961118175721.006a702c@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 07:55 AM 11/17/96 -0600, nc8q wrote:

> I see that .NA means Namibia and it is errant for me to indicate that my  
mailswitch  
> is in Namibia. I see that TAPR's recommendation corrects this conflict.  
>  
> Should we register our recommendations with the I.S.O. so that this might not  
> happen in the future?

Yes. ISO does not have any standard for the names of continents (or any form of large region). As has been pointed out by others, we could simply drop the "continent" designators and use the ISO three letter country designators as our last designator. The only reason we chose to use continents in the first place was laziness. Very few sysops in, for example, NZL need to know the difference, for example, between a route to FRA and one to DEU.

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---

#### 195. Re: [BBSSIG:3898] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 18 Nov 1996 09:57:19 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961118175719.006adc84@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

Sorry, lost track of attribution, but ...

>> >Give us credit for having more than a marble for a brain  
>>>  
>>> Hm. My french is better than my english, so I had no problems to  
>>> communicate with Jean Paul. If you look for a complete documentation of FBB  
>>> style forward, take a look at my documentation.

>>> Or were you looking for marbles?

Why yes! Always!  
Antique marbles. Particularly prior to 1870.  
Clay, glass, pottery, wood, any kind.

Ooops ... sorry, wrong news group ...  
(but I do collect antique marbles)

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---

#### 196. Re: [BBSSIG:3906] Re: huh? "the BBS specification" ?

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 18 Nov 1996 09:57:20 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961118175720.006891b4@em-wv03.wv.mentorg.com>

Rendered body type: text/plain

At 02:12 AM 11/17/96 -0600, AA7YA wrote:  
>On Sat, 16 Nov 1996 21:27:04 -0600 (CST) Joachim Schurig  
><jschurig@zedat.fu-berlin.de> writes:  
>  
>>At 10:52 Uhr -0600 12.11.1996, Charles E. Gelm wrote:  
>  
><snip>  
>  
>  
>>>LIDs are used to locally refer to messages on my machine.  
>>  
>>Never heard of LIDs.  
>  
>I think it is the same as MID, since the MID shows what number,  
>like on a FBB board that message was entered in the LOCAL  
>BBS.

MID is the LID of the \*originating\* BBS.

So if a message was put into F6FBB as number 123 and arrived at  
my systems as my number 321, I would say:

"The LID of this message is #321 at W0RLI."  
and  
"The MID of this message is #123 at F6FBB."

The message, of course, might have any BID at all ...  
LID and MID are just names we use to talk about message identity ...

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Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

---

## 197. Re: [BBSSIG:3889] A question for Hank re BIDCHK...

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Mon, 18 Nov 1996 10:48:23 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961118184823.006c1960@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 09:41 PM 11/15/96 -0600, you wrote:  
>Does BIDCHK act on both P and B messages? In other words, if a message  
>which is incorrectly addressed and forwarded from VK5WI to VK5TTY  
>(where it should have gone, say to VK5LZ) and I have to change the BID  
>and bounce it back to get it to its correct destination (because if I  
>\*don't\* change the BID, VK5WI will reject it as a dupe), if I'm  
>running BIDCHK will it act on this?

It inspects all messages, no matter what type (B, P, T).

>Is it possible to configure it so it ignores P-type messages re-sent  
>by sysops in this way and only acts on bulletins? If not, may I  
>suggest that this aspect might need attention?

No, that is not possible.  
The information about message type is not available to BIDCHK.

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Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

---

## 198. Forget Continents

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 18 Nov 1996 12:24:49 -0700  
To: bbssig@tapr.org  
Message-ID: <199611181924.MAA20381@acca.nmsu.edu>  
Rendered body type: text/plain

It is time I think to forget the Continent part of the Ham Packet  
address and call it a "designator" or "router" or "geographic locator" or  
like that. Reality is that the USA and Canada and Europe and Japan and ...  
others are the places that can be reached by packet radio.

And we can route packets for country's a,b,f,t,u, and z through  
euro. Put another way the mail headed for country t is known to make it if  
you use router euro. This is just an example. But it is important to  
understand that while euro routes packet messages to country's a,b,f,t,u,

and z router eu does the exact same thing.

Microsoft likes to call my 1992 Toshiba CD-ROM a "legacy device" and says support for this "old" stuff is limited. But Win-95 did find it and I use it often. My idea is to treat the old Continent designators as Legacy Routers.

So I say the product of this effort, for example, will route at least mail ending in eu and euro and the new uru to EXACTLY the same places. This means sysops using the older routing symbols will succeed. Over time the legacy designators will fade away.

Routers will change with time. As new routes open and old ones close the routes will change. I see this as a on-going effort. The Group will monitor what is changing and recommend a new router symbol to take care of certain countries. This will be sent as a change to the original file.

73, de Karl aka k5di

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k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

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## 199. Re: [BBSSIG:3918] Re: Debate EU/EURO - NA/NOAM

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Mon, 18 Nov 1996 19:50:51  
To: bbssig@tapr.org  
Message-ID: <255@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

Giving a little thought to the idea of continent codes, the following are just rough ideas and are just given for discussion and probably to be discarded. The ideas put forward have not been discussed elsewhere.

I am sure most people will agree that the inclusion of a continent or sub-continent code is very useful in assisting with routing of messages. As the mailbox network is made up of many thousand of independent units which only know how to route messages to their neighbours and have no way of knowing the full route that will be used for the transit of any message. It would be possible for each of those units to have a routing table for each of the 300 or so countries that exist world wide, but that is not very efficient.

By diving the world into groups of countries, it becomes possible to sort the forwarding into three or four area, viz:

- Local/neighbours
- Adjacent states/regions
- Adjacent countries
- Other countries

The original idea of EU, NA, SA, AF, etc had it's merit, though some that was found to present some difficulties when it came to determining the appropriate forwarding for countries of East Asia, i.e. Japan and West Asia, i.e. Israel, Cyprus. That led to the creation of MDLE group of countries. That was followed by the later problems of .NA traffic, when forwarded through Internet, with confusion between North America and Namibia.

Perhaps for future planning the following could be considered, taking a look through a list of world wide telephone country codes you will discover that the globe is roughly divided into the following regions:

- 1 USA, Canada and Caribbean islands
- 2 Africa
- 3 South and East Europe
- 4 North and West Europe
- 5 Central and South America
- 6 South Asia, Australia, New Zeland and Pacific islands
- 7 Russia, at present including former dependent states
- 8 East Asia
- 9 West Asia and East Mediteranian

Why not adopt a new set of three letter codes for those regions, i.e. 1 = AAA, 2 = BBB, etc. I have not done a count of how many countries there would be within each of those regions.

Any regions that are created will always have borderlines where the main rules of forwarding will not apply, but you would select a local

rule.

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

## 200. United Kingdom BBS Regions and Counties

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Mon, 18 Nov 1996 19:54:10  
To: bbssig@tapr.org  
Message-ID: <256@larkhill.win-uk.net>  
Rendered body type: text/plain

For information:

United Kingdom BBS Regions and Counties  
showing National Area Code  
-----

To assist forwarding of messages within the United Kingdom, the country is divided in to seven regions, four in England which also include the offshore countries, and one for each of the other countries, Scotland, Northern Ireland and Wales. Each of those regions then have up to nine sub-regions containing one or more counties.

The three letter codes shown against counties are used in various lists used on packet and also some contests.

You should normally use a single BBS, located in easy communication range. If you use more than one mailbox to send messages it can cause problems with the routing of replies to you.

If you want information on files at another mailbox you can use REQDIR and REQFIL messages, though not all systems carry files.

The United Kingdom DX Clusters are primarily for the current exchange of DX information and do not normally exchange bulletins or other than personal mail for SysOps with the BBS network.

```
=====
RSGB Reg A - Northern England           RSGB Reg D - South West
-----
#11 Cheshire                           CHS      #41 Avon                               AVN
#12 Cleveland                         CVE      #42 Berkshire                          BRK
#13 Co. Durham                        DHM      #43 Buckinghamshire                   BUX
#14 Cumbria                           CBA      #44 Devon                              DVN
#15 Humberside                        HBS      #44 Cornwall                           CNL
#16 Greater Manchester                MCH      #45 Dorset                             DOR
#16 Isle of Man (GD)                  IOM      #45 Somerset                          SOM
#16 Merseyside                        MSY      #46 Gloucestershire                   GLR
#16 Lancashire                        LNH      #47 Alderney (GU)                     ALD
#17 Northumberland                    NLD      #47 Jersey (GJ)                       JER
#18 Tyne and Wear                     TWR      #47 Guernsey (GU)                     GUR
#19 North Yorkshire                    YSN      #47 Sark (GU)                          SRK
#19 South Yorkshire                    YSS      #48 Hampshire                          HPH
#19 West Yorkshire                     YSW      #48 Isle of Wight                      IOW
                                           #49 Wiltshire                          WLT
RSGB Reg B - Midlands                  #49 Oxfordshire                       OFE
  & East Anglia
-----
#21 Bedfordshire                      BFD
#22 Cambridgeshire                    CBE
#23 Nottinghamshire                    NOT
#23 Derbyshire                         DYS
#24 Hereford and Worcester             HWR
#25 Leicestershire                     LEC
#26 Lincolnshire                       LCN
#27 Northamptonshire                  NHM
#28 Shropshire                         SPE
#28 Staffordshire                      SFD
#29 Warwickshire                       WKS
#29 West Midlands                      WMD

RSGB Reg E - Wales (GW)
-----
#51 Clwyd                             CLD
#52 Dyfed                              DFD
#53 Mid Glamorgan                      GNM
#53 South Glamorgan                    GNS
#53 West Glamorgan                     GNW
#54 Gwent                              GWT
#55 Gwynedd                            GDD
#56 Powys                              PWS

RSGB Reg F - Northern Ireland (GI)
-----
#61 County Antrim                      ATM
=====
```



|                             |     |                            |     |
|-----------------------------|-----|----------------------------|-----|
| RSGB Reg C - South East     |     | #62 County Armagh          | ARM |
| -----                       |     | #63 County Down            | DWN |
| #31 Essex                   | ESX | #64 County Fermanagh       | FMH |
| #32 Greater London          | LDN | #65 County Londonderry     | LDR |
| #33 Hertfordshire           | HFD | #66 County Tyrone          | TYR |
| #34 Kent                    | KNT |                            |     |
| #35 Norfolk                 | NOR | RSGB Reg G - Scotland (GM) |     |
| #36 Suffolk                 | SFK | -----                      |     |
| #37 Surrey                  | SRY | #71 Borders                | BDS |
| #38 East Sussex             | SXE | #72 Central                | CTR |
| #38 West Sussex             | SXW | #73 Dumfries and Galloway  | DGL |
| -----                       |     | #74 Fife                   | FFE |
| Occasionally a code for an  |     | #75 Grampian               | GRN |
| adjacent area is used,      |     | #76 Western Isles          | WIL |
| by a mailbox because of     |     | #76 Orkney                 | ORK |
| available forwarding paths. |     | #76 Highland               | HLD |
| -----                       |     | #76 Shetland               | SLD |
| + Support your              | +   | #77 Lothian                | LTH |
| + local Packet Group        | +   | #78 Strathclyde            | SCD |
| +                           | +   | #79 Tayside                | TYS |
| -----                       |     |                            |     |

Any questions, answers or suggested topic?

73 Brian G8ASO

PMS address @ G8ASO.GB7GL0.#46.GBR.EU

File: HELP-023.ASO Date: 20-Aug-93

\*\*\*\*\*

```

=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GL0.#46.GBR.EU      bajones@larkhill.win-uk.net
=====

```

## 201. Country Codes

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Mon, 18 Nov 1996 20:03:42  
To: bbssig@tapr.org  
Message-ID: <257@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

The following file, with minor updating, was copied from a CD,  
Personal Reference Library, published by PDSL, Sussex, England.

The A2 and A3 columns show the international two and three letter  
country codes. The number code is assigned by the United Nations,  
though I am not sure of it's significance.

I have added a few notes at the end of the list of country codes  
that have been used on packet.

73 Brian

Codes from ISO 3166

Updated by the RIPE Network Coordination Centre, in coordination with  
the ISO 3166 Maintenance Agency, Berlin

| Country             | A 2 | A 3 | Number |
|---------------------|-----|-----|--------|
| -----               |     |     |        |
| Afghanistan         | AF  | AFG | 004    |
| Albania             | AL  | ALB | 008    |
| Algeria             | DZ  | DZA | 012    |
| American Samoa      | AS  | ASM | 016    |
| Andorra             | AD  | AND | 020    |
| Angola              | AO  | AGO | 024    |
| Anguilla            | AI  | AIA | 660    |
| Antarctica          | AQ  | ATA | 010    |
| Antigua and Barbuda | AG  | ATG | 028    |
| Argentina           | AR  | ARG | 032    |

|                                |    |     |     |
|--------------------------------|----|-----|-----|
| Armenia                        | AM | ARM | 051 |
| Aruba                          | AW | ABW | 533 |
| Australia                      | AU | AUS | 036 |
| Austria                        | AT | AUT | 040 |
| Azerbaijan                     | AZ | AZE | 031 |
| Bahamas                        | BS | BHS | 044 |
| Bahrain                        | BH | BHR | 048 |
| Bangladesh                     | BD | BGD | 050 |
| Barbados                       | BB | BRB | 052 |
| Belarus                        | BY | BLR | 112 |
| Belgium                        | BE | BEL | 056 |
| Belize                         | BZ | BLZ | 084 |
| Benin                          | BJ | BEN | 204 |
| Belarus                        | BY | BLR | 112 |
| Bermuda                        | BM | BMU | 060 |
| Bhutan                         | BT | BTN | 064 |
| Bolivia                        | BO | BOL | 068 |
| Bosnia Herzegowina             | BA | BIH | 070 |
| Botswana                       | BW | BWA | 072 |
| Bouvet Island                  | BV | BVT | 074 |
| Brazil                         | BR | BRA | 076 |
| British Indian Ocean Territory | IO | IOT | 086 |
| Brunei Darussalam              | BN | BRN | 096 |
| Bulgaria                       | BG | BGR | 100 |
| Burkina Faso                   | BF | BFA | 854 |
| Burundi                        | BI | BDI | 108 |
| Cambodia                       | KH | KHM | 116 |
| Cameroon                       | CM | CMR | 120 |
| Canada                         | CA | CAN | 124 |
| Cape Verde                     | CV | CPV | 132 |
| Cayman Islands                 | KY | CYM | 136 |
| Central African Republic       | CF | CAF | 140 |
| Chad                           | TD | TCO | 148 |
| Chile                          | CL | CHL | 152 |
| China                          | CN | CHN | 156 |
| Christmas Island               | CX | CXR | 162 |
| Cocos (Keeling) Islands        | CC | CCK | 166 |
| Colombia                       | CO | COL | 170 |
| Comoros                        | KM | COM | 174 |
| Congo                          | CG | COG | 178 |
| Cook Islands                   | CK | COK | 184 |
| Costa Rica                     | CR | CRI | 188 |
| Cote d'Ivoire                  | CI | CIV | 384 |
| Croatia (local name: Hrvatska) | HR | HRV | 191 |
| Cuba                           | CU | CUB | 192 |
| Cyprus                         | CY | CYP | 196 |
| Czech Republic                 | CZ | CZE | 203 |
| Denmark                        | DK | DNK | 208 |
| Djibouti                       | DJ | DJI | 262 |
| Dominica                       | DM | DMA | 212 |
| Dominican Republic             | DO | DOM | 214 |
| East Timor                     | TP | TMP | 626 |
| Ecuador                        | EC | ECU | 218 |
| Egypt                          | EG | EGY | 818 |
| El Salvador                    | SV | SLV | 222 |
| Equatorial Guinea              | GQ | GNQ | 226 |
| Estonia                        | EE | EST | 233 |
| Ethiopia                       | ET | ETH | 230 |
| Falkland Islands (Malvinas)    | FK | FLK | 238 |
| Faroe Islands                  | FO | FRO | 234 |
| Fiji                           | FJ | FJI | 242 |
| Finland                        | FI | FIN | 246 |
| France                         | FR | FRA | 250 |
| France, Metropolitan           | FX | FXX | 249 |
| French Guiana                  | GF | GUF | 254 |
| French Polynesia               | PF | PYF | 258 |
| French Southern Territories    | TF | ATF | 260 |
| Gabon                          | GA | GAB | 266 |
| Gambia                         | GM | GMB | 270 |
| Georgia                        | GE | GEO | 268 |
| Germany                        | DE | DEU | 276 |
| Ghana                          | GH | GHA | 288 |
| Gibraltar                      | GI | GIB | 292 |
| Greece                         | GR | GRC | 300 |
| Greenland                      | GL | GRL | 304 |
| Grenada                        | GD | GRD | 308 |
| Guadeloupe                     | GP | GLP | 312 |
| Guam                           | GU | GUM | 316 |
| Guatemala                      | GT | GTM | 320 |

|                                        |    |     |     |
|----------------------------------------|----|-----|-----|
| Guinea                                 | GN | GIN | 324 |
| Guinea-Bissau                          | GW | GNB | 624 |
| Guyana                                 | GY | GUY | 328 |
| Haiti                                  | HT | HTI | 332 |
| Heard and McDonald Islands             | HM | HMD | 334 |
| Honduras                               | HN | HND | 340 |
| Hong Kong                              | HK | HKG | 344 |
| Hungary                                | HU | HUN | 348 |
| Iceland                                | IS | ISL | 352 |
| India                                  | IN | IND | 356 |
| Indonesia                              | ID | IDN | 360 |
| Iran (Islamic Republic of)             | IR | IRN | 364 |
| Iraq                                   | IQ | IRQ | 368 |
| Ireland                                | IE | IRL | 372 |
| Israel                                 | IL | ISR | 376 |
| Italy                                  | IT | ITA | 380 |
| Jamaica                                | JM | JAM | 388 |
| Japan                                  | JP | JPN | 392 |
| Jordan                                 | JO | JOR | 400 |
| Kazakhstan                             | KZ | KAZ | 398 |
| Kenya                                  | KE | KEN | 404 |
| Kiribati                               | KI | KIR | 296 |
| Korea, Democratic People's Republic of | KP | PRK | 408 |
| Korea, Republic of                     | KR | KOR | 410 |
| Kuwait                                 | KW | KWT | 414 |
| Kyrgyzstan                             | KG | KGZ | 417 |
| Lao People's Democratic Republic       | LA | LAO | 418 |
| Latvia                                 | LV | LVA | 428 |
| Lebanon                                | LB | LBN | 422 |
| Lesotho                                | LS | LSO | 426 |
| Liberia                                | LR | LBR | 430 |
| Libyan Arab Jamahiriya                 | LY | LBY | 434 |
| Liechtenstein                          | LI | LIE | 438 |
| Lithuania                              | LT | LTU | 440 |
| Luxembourg                             | LU | LUX | 442 |
| Macau                                  | MO | MAC | 446 |
| Madagascar                             | MG | MDG | 450 |
| Malawi                                 | MW | MWI | 454 |
| Malaysia                               | MY | MYS | 458 |
| Maldives                               | MV | MDV | 462 |
| Mali                                   | ML | MLI | 466 |
| Malta                                  | MT | MLT | 470 |
| Marshall Islands                       | MH | MHL | 584 |
| Martinique                             | MQ | MTQ | 474 |
| Mauritania                             | MR | MRT | 478 |
| Mauritius                              | MU | MUS | 480 |
| Mayotte                                | YT | MYT | 175 |
| Mexico                                 | MX | MEX | 484 |
| Micronesia                             | FM | FSM | 583 |
| Moldova, Republic of                   | MD | MDA | 498 |
| Monaco                                 | MC | MCO | 492 |
| Mongolia                               | MN | MNG | 496 |
| Montserrat                             | MS | MSR | 500 |
| Morocco                                | MA | MAR | 504 |
| Mozambique                             | MZ | MOZ | 508 |
| Myanmar                                | MM | MMR | 104 |
| Namibia                                | NA | NAM | 516 |
| Nauru                                  | NR | NRU | 520 |
| Nepal                                  | NP | NPL | 524 |
| Netherlands                            | NL | NLD | 528 |
| Netherlands Antilles                   | AN | ANT | 530 |
| New Caledonia                          | NC | NCL | 540 |
| New Zealand                            | NZ | NZL | 554 |
| Nicaragua                              | NI | NIC | 558 |
| Niger                                  | NE | NER | 562 |
| Nigeria                                | NG | NGA | 566 |
| Niue                                   | NU | NIU | 570 |
| Norfolk Island                         | NF | NFK | 574 |
| Northern Mariana Islands               | MP | MNP | 580 |
| Norway                                 | NO | NOR | 578 |
| Oman                                   | OM | OMN | 512 |
| Pakistan                               | PK | PAK | 586 |
| Palau                                  | PW | PLW | 585 |
| Panama                                 | PA | PAN | 591 |
| Papua New Guinea                       | PG | PNG | 598 |
| Paraguay                               | PY | PRY | 600 |
| Peru                                   | PE | PER | 604 |
| Philippines                            | PH | PHL | 608 |
| Pitcairn                               | PN | PCN | 612 |

|                                      |    |     |     |
|--------------------------------------|----|-----|-----|
| Poland                               | PL | POL | 616 |
| Portugal                             | PT | PRT | 620 |
| Puerto Rico                          | PR | PRI | 630 |
| Qatar                                | QA | QAT | 634 |
| Reunion                              | RE | REU | 638 |
| Romania                              | RO | ROM | 642 |
| Russian Federation                   | RU | RUS | 643 |
| Rwanda                               | RW | RWA | 646 |
| Saint Kitts and Nevis                | KN | KNA | 659 |
| Saint Lucia                          | LC | LCA | 662 |
| Saint Vincent and the Grenadines     | VC | VCT | 670 |
| Samoa                                | WS | WSM | 882 |
| San Marino                           | SM | SMR | 674 |
| Sao Tome and Principe                | ST | STP | 678 |
| Saudi Arabia                         | SA | SAU | 682 |
| Senegal                              | SN | SEN | 686 |
| Seychelles                           | SC | SYC | 690 |
| Sierra Leone                         | SL | SLE | 694 |
| Singapore                            | SG | SGP | 702 |
| Slovakia (Slovak Republic)           | SK | SVK | 703 |
| Slovenia                             | SI | SVN | 705 |
| Solomon islands                      | SB | SLB | 090 |
| Somalia                              | SO | SOM | 706 |
| South Africa                         | ZA | ZAF | 710 |
| Spain                                | ES | ESP | 724 |
| Sri Lanka                            | LK | LKA | 144 |
| St. Helena                           | SH | SHN | 654 |
| St. Pierre and Miquelon              | PM | SPM | 666 |
| Sudan                                | SD | SDN | 736 |
| Suriname                             | SR | SUR | 740 |
| Svalbard and Jan Mayen Islands       | SJ | SJM | 744 |
| Swaziland                            | SZ | SWZ | 748 |
| Sweden                               | SE | SWE | 752 |
| Switzerland                          | CH | CHE | 756 |
| Syrian Arab Republic                 | SY | SYR | 760 |
| Taiwan, Province of China            | TW | TWN | 158 |
| Tajikistan                           | TJ | TJK | 762 |
| Tanzania, United Republic of         | TZ | TZA | 834 |
| Thailand                             | TH | THA | 764 |
| Togo                                 | TG | TGO | 768 |
| Tokelau                              | TK | TKL | 772 |
| Tonga                                | TO | TON | 776 |
| Trinidad and Tobago                  | TT | TTO | 780 |
| Tunisia                              | TN | TUN | 788 |
| Turkey                               | TR | TUR | 792 |
| Turkmenistan                         | TM | TKM | 795 |
| Turks and Caicos Islands             | TC | TCA | 796 |
| Tuvalu                               | TV | TUV | 798 |
| Uganda                               | UG | UGA | 800 |
| Ukrainian                            | UA | UKR | 804 |
| United Arab Emirates                 | AE | ARE | 784 |
| United Kingdom                       | GB | GBR | 826 |
| United States                        | US | USA | 840 |
| United States Minor Outlying Islands | UM | UMI | 581 |
| Uruguay                              | UY | URY | 858 |
| Uzbekistan                           | UZ | UZB | 860 |
| Vanuatu                              | VU | VUT | 548 |
| Vatican City State (Holy See)        | VA | VAT | 336 |
| Venezuela                            | VE | VEN | 862 |
| Viet Nam                             | VN | VNM | 704 |
| Virgin Islands (British)             | VG | VGB | 092 |
| Virgin Islands (U.S.)                | VI | VIR | 850 |
| Wallis and Futuna islands            | WF | WLF | 876 |
| Western Sahara                       | EH | ESH | 732 |
| Yemen                                | YE | YEM | 887 |
| Yugoslavia                           | YU | YUG | 891 |
| Zaire                                | ZR | ZAR | 180 |
| Zambia                               | ZM | ZMB | 894 |
| Zimbabwe                             | ZW | ZWE | 716 |

-----

|                        |    |     |     |
|------------------------|----|-----|-----|
| Name has been changed: |    |     |     |
| Marshall Is Rep        |    | RMI |     |
| was Marshall Islands   | MH | MHL | 584 |

-----

The following have been seen in message headers:

|        |              |                                |
|--------|--------------|--------------------------------|
| BAN.AS | Bangladesh * |                                |
| TCH.EU | Czech Rep    | ** old code for Czechoslovakia |

GUAM.USA.OC Guam \*  
HND.NA Honduras \*  
LIT.EU Lithuania \*  
MLA.EU Malta \*  
MRU.AF Mauritius \*  
SRB.YUG.EU Serbia \*  
SLB.SI.OC Solomon Is \*  
SLU.CAR.NA St Lucia \*  
VI.USA.NA Virgin Is (US) \*

-----

=====  
Brian Jones Worcester, United Kingdom  
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU bajones@larkhill.win-uk.net  
=====

---

## 202. Re: [BBSSIG:3935] Re: Debate EU/EURO - NA/NOAM

From: Roy <garlic@garlic.com>  
Date: Mon, 18 Nov 1996 13:06:22 -0800  
To: bbssig@tapr.org  
Message-ID: <3290CFCE.3D42@garlic.com>  
Rendered body type: text/plain

Brian Jones wrote:

>  
> Why not adopt a new set of three letter codes for those regions, i.e.  
> 1 = AAA, 2 = BBB, etc. I have not done a count of how many countries  
> there would be within each of those regions.  
>

ISO maintains list of two and three letter designators. If you have  
a three letter "region" code then it would possibly conflict either  
now or later. Thats why 4-letters were chosen.

---

## 203. Re: Country Codes

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Mon, 18 Nov 1996 17:46:41 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611182246.RAA09917@itchy.mosquito.com>  
Rendered body type: text/plain

Attn: Gentlemen and Ladies.

Be advised that after I submit my thoughts I will be standing in front of an  
old stone wall ready for the firing squad on this one, if nobody shows up  
with an AK-47 to blast me away, I will know that everyone took this as ONLY  
a suggestion which might be kicked around a bit.

Although I suggested eliminating countinent designators and just use  
the country code to expedite delivery of packet mail but even that is not  
the "perfect" way since countries are separating from another country or  
they are taken over by a radical group and now it is called something else!  
How is a sysop suppose to keep up with all the changes in country names.  
Another good example is the situation over in Russia which was formerly  
the U.S.S.R.. It is surprising how many new BBS's have popped up over there.

Is there still a better way? I think so.. Why not use the Grid Square  
disignators?

Some may say that is far fetched, why completely revamp the entire packet  
routing system while what we have works? By changing to the Grid Square  
routing, the BBS in Singapore will never change its designator unless he picks  
up his station and MOVES! Regardless of what continent he is located and  
regardless of the country Singapore is located, his Grid Square will never  
change..

The ARRL has a Grid Square map that can be obtained, probably at very low  
cost.

Some sysops in the ENY and NNJ sections of the States of NY and NJ are already  
using Grid Square forwarding, it appears that they have made it work for them.

Remember I am only threw this into the pot for stiring, just something to think  
about since we are already talking about doing something different with the H\$.

73 de Rod

---

## 204. Re: [BBSSIG:3935] Re: Debate EU/EURO - NA/NOAM



## 205. [BBSSIG:3937] Country Codes

From: john.woodstock@usbbs.com (John Woodstock)  
Date: 18 Nov 96 19:51:00 -0500  
To: bbssig@tapr.org  
Message-ID: <292\_9611182019@usbbs.com>  
Rendered body type: text/plain

Hello !!

BJ> The following file, with minor updating, was copied from a CD,  
BJ> Personal Reference Library, published by PDSL, Sussex, England.

Check out the Internic as well. They have a full set of the international country codes..

John

```
*****
*   Internet: woody@woodyware.com or woody@usbbs.com   *
*   Snail Mail: P.O. Box 436 / Coram NY 11727-0436      *
*   SysOps needing Internet E-Mail check out www.usbbs.com *
*****
```

-----  
WoodyWare Internet E-Mail Services - Info: www.usbbs.com

---

## 206. Re: [BBSSIG:3939] Re: Country Codes

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Tue, 19 Nov 1996 21:21:27 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611200323.VAA03961@mail.texoma.net>  
Rendered body type: text/plain

According to Rod Fowler ..

> Some sysops in the ENY and NNJ sections of the States of NY and NJ are  
already  
> using Grid Square forwarding, it appears that they have made it work for  
them.  
>

>From what I can tell, grid-square forwarding works great. There's certainly  
nothing wrong with the concept. On the other hand, it hasn't caught on as  
well as was hoped.

Again we are faced with the mystery of amateur packet radio.. We are  
crawling with bright ideas, and seldom utilize any of them on a wide-scale  
basis.

As a matter of fact, we could probably get much more accomplished at this  
point with a study of why ideas are (or are not) utilized by hams than we  
could by yet another tech innovation to add to our "under-utilized bright  
ideas" list.

Is amateur packet radio the place where ideas go to die?

Some of you probably think I'm joking or being sarcastic.. Nope. I'm  
entirely serious.

73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW : http://www.texoma.com/~n5pvl

---

## 207. Re: [BBSSIG:3942] Re: Country Codes

From: Edward Sadowski <edsadow@ids.net>  
Date: Wed, 20 Nov 1996 09:28:24 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961120093058.1cdfd70@ids.net>  
Rendered body type: text/plain

At 09:34 PM 11/19/96 -0600, you wrote:

>

>According to Rod Fowler ..

>

>> Some sysops in the ENY and NNJ sections of the States of NY and NJ are  
>already

>> using Grid Square forwarding, it appears that they have made it work for

>them.  
>>  
>  
>>From what I can tell, grid-square forwarding works great. There's certainly  
>nothing wrong with the concept. On the other hand, it hasn't caught on as  
>well as was hoped.  
>  
>Again we are faced with the mystery of amateur packet radio.. We are  
>crawling with bright ideas, and seldom utilize any of them on a wide-scale  
>basis.  
>As a matter of fact, we could probably get much more accomplished at this  
>point with a study of why ideas are (or are not) utilized by hams than we  
>could by yet another tech innovation to add to our "under-utilized bright  
>ideas" list.  
>  
>Is amateur packet radio the place where ideas go to die?  
>  
>Some of you probably think I'm joking or being sarcastic.. Nope. I'm  
>entirely serious.

No, Charles, we hams are an independent, stubborn, and ornery lot. In many  
ways, we are a lot like "Burger King." We like to have it our own way,  
especially when our way is contrary to what appears to be conventional  
wisdom <G>! Ah, the sweet mystery of life...

73, Ed, W1BF

>  
>73 DE Charles Brabham, N5PVL  
>Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
>WWW : <http://www.texoma.com/~n5pvl>  
>  
>  
>

---

## 208. Re: [BBSSIG:3942] Re: Country Codes

From: Roy <garlic@garlic.com>  
Date: Wed, 20 Nov 1996 09:00:43 -0800  
To: bbssig@tapr.org  
Message-ID: <3293393B.7D8D@garlic.com>  
Rendered body type: text/plain

Charles Brabham wrote:

>  
> Again we are faced with the mystery of amateur packet radio.. We are  
> crawling with bright ideas, and seldom utilize any of them on a wide-scale  
> basis.  
> As a matter of fact, we could probably get much more accomplished at this  
> point with a study of why ideas are (or are not) utilized by hams than we  
> could by yet another tech innovation to add to our "under-utilized bright  
> ideas" list.  
>  
> Is amateur packet radio the place where ideas go to die?

The idea of using grid squares has appeared over and over again.  
Its not new. It also has server limitations (which I won't go  
into here) which is why it was never recommended for adoption.

Roy

---

## 209. Re: [BBSSIG:3939] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Wed, 20 Nov 1996 11:58:05 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961120175805.0066d8d0@mail.trucom.com>  
Rendered body type: text/plain

At 04:50 PM 11/18/96 -0600, Rod wrote:

>Is there still a better way? I think so.. Why not use the Grid Square  
>designators?  
>Some may say that is far fetched, why completely revamp the entire packet  
>routing system while what we have works? By changing to the Grid Square  
>routing, the BBS in Singapore will never change its designator unless he picks  
>up his station and MOVES! Regardless of what continent he is located and  
>regardless of the country Singapore is located, his Grid Square will never  
>change..  
>  
>The ARRL has a Grid Square map that can be obtained, probably at very low



>cost.  
>  
>Some sysops in the ENY and NNJ sections of the States of NY and NJ are already  
>using Grid Square forwarding, it appears that they have made it work for them.  
>  
>Remember I am only threw this into the pot for stiring, just something to  
think  
>about since we are already talking about doing something different with the H\$.  
>  
>73 de Rod

I have noticed the use of grid squares by some stations for a while now and  
I have thought that there is some merit to the idea.

One possible advantage to the use of grids would be that it would be totally  
possible and fairly easy to write an automatic, and perhaps dynamic, router  
for use by SysOps, especially for use when first setting up the BBS.

For example, if you enter the grids of the new BBS and and each forwarding  
partner (actually, these would be in the address info) and the set up  
program could then build a forwarding table to send private traffic in the  
right direction. No need at all for the SysOp to decide who to send what.

As far as dynamics go, a new BBS could do some sort of broadcast to announce  
itself to its neighbors and then be automatically added to their routing  
tables. Something akin to IP routers.

Seems to me that the use of grids could, perhaps, eliminate the entire  
discussion of both country and continent codes.... My packet address, for  
example, would change from:

KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM (31 bytes)

to:

KC6UFM@KC6UFM.EM47UK (20 bytes)

The savings of the 11 bytes would be a little gravy, but certainly not  
enough to write a song about.

Personally, I can't see where the grid square address is any less definitive  
than the "normal" address... In my area, there is one BBS in the EM47UK  
grid, but there are at least 5 BBSs in the #SEMO.MO.USA.NOAM/NA address.

This would, of course, require some major changes to software. While I am  
working on some code for a PBBS, I have not started writing the routines  
that would be affected by such a change, but I think that the authors would  
need to study carefully any such change before implimenting it... Fairly  
large impact, afterall.

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

## 210. BIDCHK & FBB

From: Marty Albert <marty@trucom.com>  
Date: Wed, 20 Nov 1996 23:10:37 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961121051037.0066dca0@mail.trucom.com>  
Rendered body type: text/plain

Hello, Folks:

I finally got around to trying to get BIDCHK to work with FBB 5.15c, but no  
joy...

I have checked and rechecked Hank's doc file, but BIDCHK seems unable to  
find my message files. I have the three variables set as:

RLICFG=E:\FBB\ (BIDCHK.INI is in this directory)

RLIDB=E:\BIDCHK\ (the BIDCHK.DB is being written here)  
RLMSG=F:\MAIL\ (my msg files are here in the normal FBB MAIL0\...MAIL9  
directories)

I am running BIDCHK with the command line:

BIDCHK E:\FBB\MAIL.IN E:\BIDCHK\BIDCHK.LOG -F

I get no error messages, but the log file shows no messages scanned.

I have v1.2 of BIDCHK that Hank posted to this SIG.

Anyone got this to work?

Thanks!

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

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## 211. Re: Country Codes

From: aa7ya@juno.com  
Date: Wed, 20 Nov 1996 23:25:22 MST  
To: bbssig@tapr.org  
Message-ID: <19961120.234357.5367.5.aa7ya@juno.com>  
Rendered body type: text/plain

On Wed, 20 Nov 1996 12:00:49 -0600 (CST) Marty Albert <marty@trucom.com>  
writes:

>Seems to me that the use of grids could, perhaps, eliminate the entire  
>discussion of both country and continent codes.... My packet address,  
>for example, would change from:  
>

> KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM (31 bytes)

Actually that is 31 bits... Hence 8 bits to 1 byte.

>Personally, I can't see where the grid square address is any less  
>definitive than the "normal" address... In my area, there is one BBS in  
the  
>EM47UK grid, but there are at least 5 BBSs in the #SEMO.MO.USA.NOAM/NA  
>address.

Using the long address scheme is a little bit more  
detailed, I wouldn't know that EM47UK was is Missouri,  
unless I had a grid square map. I have the grid square  
map that the ARRL publishes (\$1.00 US), but if I didn't I  
would suspect, looking at your callsign, you were  
somewhere in California.

Consider this, there are 32,400 individual grid squares  
worldwide. Can you imagine knowing where each  
grid square is if you don't already have a grid square  
map?

Stacey  
AA7YA@AA7YA.#NEMT.MT.USA.NOAM

---

## 212. Re: [BBSSIG:3947] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Thu, 21 Nov 1996 10:48:09 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961121164809.00676e08@mail.trucom.com>  
Rendered body type: text/plain

At 01:38 AM 11/21/96 -0600, Stacey (AA7YA) wrote:  
>

>On Wed, 20 Nov 1996 12:00:49 -0600 (CST) Marty Albert <marty@trucom.com>

>writes:  
>  
>>Seems to me that the use of grids could, perhaps, eliminate the entire  
>>discussion of both country and continent codes.... My packet address,  
>>for example, would change from:  
>>  
>  
>> KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM (31 bytes)  
>  
>Actually that is 31 bits... Hence 8 bits to 1 byte.

Better do some checking... 31 bytes, 248 bits.

>>Personally, I can't see where the grid square address is any less  
>>definitive than the "normal" address... In my area, there is one BBS in  
>the  
>>EM47UK grid, but there are at least 5 BBSs in the #SEMO.MO.USA.NOAM/NA  
>>address.  
>  
>Using the long address scheme is a little bit more  
>detailed, I wouldn't know that EM47UK was in Missouri,  
>unless I had a grid square map. I have the grid square  
>map that the ARRL publishes (\$1.00 US), but if I didn't I  
>would suspect, looking at your callsign, you were  
>somewhere in California.

With an automated system, especially with dynamic routing, the users and  
SysOps don't need to know where a grid is really located... Only what  
relative "direction" it is in.

>Consider this, there are 32,400 individual grid squares  
>worldwide. Can you imagine knowing where each  
>grid square is if you don't already have a grid square  
>map?

See above... A BBS could include a "translator" to give an idea of the  
actual location if the users really wanted it.

I am not saying that this is the way that we should go, only that it is a  
viable option and does have a few attractive qualities.

>Stacey  
>AA7YA@AA7YA.#NEMT.MT.USA.NOAM

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

## 213. Re: [BBSSIG:3945] Re: Country Codes

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Wed, 20 Nov 1996 23:09:28  
To: bbssig@tapr.org  
Cc: marty@trucom.com  
Message-ID: <262@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

>At 04:50 PM 11/18/96 -0600, Rod wrote:  
>  
>>Is there still a better way? I think so.. Why not use the Grid Square  
>>designators?  
>>Some may say that is far fetched, why completely revamp the entire packet  
>>routing system while what we have works? By changing to the Grid Square  
>>routing, the BBS in Singapore will never change its designator unless he picks  
>>up his station and MOVES! Regardless of what continent he is located and  
>>regardless of the country Singapore is located, his Grid Square will never  
>>change..  
>>

>>The ARRL has a Grid Square map that can be obtained, probably at very low  
>>cost.  
>>

[ snip ]

>  
>I have noticed the use of grid squares by some stations for a while now and  
>I have thought that there is some merit to the idea.  
>  
>One possible advantage to the use of grids would be that it would be totally  
>possible and fairly easy to write an automatic, and perhaps dynamic, router  
>for use by SysOps, especially for use when first setting up the BBS.  
>  
>For example, if you enter the grids of the new BBS and each forwarding  
>partner (actually, these would be in the address info) and the set up  
>program could then build a forwarding table to send private traffic in the  
>right direction. No need at all for the SysOp to decide who to send what.  
>  
>As far as dynamics go, a new BBS could do some sort of broadcast to announce  
>itself to its neighbors and then be automatically added to their routing  
>tables. Something akin to IP routers.  
>  
>Seems to me that the use of grids could, perhaps, eliminate the entire  
>discussion of both country and continent codes.... My packet address, for  
>example, would change from:  
>  
> KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM (31 bytes)  
>  
>to:  
>  
> KC6UFM@KC6UFM.EM47UK (20 bytes)  
>  
>The savings of the 11 bytes would be a little gravy, but certainly not  
>enough to write a song about.  
>  
>Personally, I can't see where the grid square address is any less definitive  
>than the "normal" address... In my area, there is one BBS in the EM47UK  
>grid, but there are at least 5 BBSs in the #SEMO.MO.USA.NOAM/NA address.  
>  
>This would, of course, require some major changes to software. While I am  
>working on some code for a PBBS, I have not started writing the routines  
>that would be affected by such a change, but I think that the authors would  
>need to study carefully any such change before implimenting it... Fairly  
>large impact, afterall.  
>  
>Take Care & 73  
>  
>  
>Marty Albert - marty@trucom.com  
>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM  
>

While the theory sounds fine, I have serious reservations about  
the implementation of it for long distance forwarding.

If you are forwarding within a large country, it will probably  
work well enough. However, when you get routes that are blocked  
due to unworkable links, the theory starts getting more difficult  
to implement. The problem links could be due to mountain ranges  
which do not have elevated nodes on them or long sea paths, etc.  
For example, around the United Kingdom, there are only two VHF  
radio links to mainland Europe, though France and Belgium. While to  
Ireland there are two routes and also another to Northern Ireland.  
There are also some HF and Amateur Satellite routes, but how would  
the grid locators assist with knowing which gateway handles what  
areas.

Routing of messages does require planning, but with co-operation  
is probably easier to work out manually, than having many (or all)  
mailboxes calculating the theoretical paths!

73 Brian

=====

Brian Jones Worcester, United Kingdom  
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU bajones@larkhill.win-uk.net  
=====

---

## 214. Re: [BBSSIG:3947] Re: Country Codes

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Thu, 21 Nov 1996 14:48:51 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611211948.0AA27995@itchy.mosquito.com>  
Rendered body type: text/plain

At 01:38 AM 11/21/96 -0600, you wrote:

>Consider this, there are 32,400 individual grid squares  
>worldwide. Can you imagine knowing where each  
>grid square is if you don't already have a grid square  
>map?  
>  
>Stacey  
>AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
>  
>  
>

Hi Stacey,

You are absolutely correct so every SYSOP would have to have on the wall  
of his shack a copy of the Grid Square Map so he can 1) first find out his own  
Grid Square plus 2) know in what direction to forward a piece of mail.

73 de Rod

---

## 215. help winfbb and bpq

From: chuck simms <csimms@dave-world.net>  
Date: Tue, 22 Oct 1996 22:09:08 -0500  
To: bbssig@tapr.org  
Cc: csimms@dave.world.net  
Message-ID: <326D8C54.27A5@dave-world.net>  
Rendered body type: text/plain

Hello is anybody having any trouble with winfbb and bpq,  
I cant get it to monitor the port, wont show anything on monitor screen.  
Any ideas ? im using a pk900  
73 and thanks  
de Chuck kb9gss  
csimms@dave-world.net

---

## 216. Re: [BBSSIG:3946] BIDCHK & FBB

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Thu, 21 Nov 1996 19:05:26 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961121185939.11546A-100000@crl4.crl.com>  
Rendered body type: text/plain

On Wed, 20 Nov 1996, Marty Albert wrote:

> I finally got around to trying to get BIDCHK to work with FBB 5.15c, but no  
> joy...  
>  
> RLICFG=E:\FBB\ (BIDCHK.INI is in this directory)  
> RLIDB=E:\BIDCHK\ (the BIDCHK.DB is being written here)  
> RLMSG=F:\MAIL\ (my msg files are here in the normal FBB MAIL0\...MAIL9  
> directories)

I have had it online and functioning under FBB 5.15c for quite a while  
with no problems.

Are you sure your path to your mail directory is not F:\FBB\MAIL\ with  
MAILx subdirectories subordinate to "\FBB\MAIL"???? I guess everybody  
does something a little different when configuring their systems...

My version is 1.3 but I'm not sure that'd make a difference. I can ship  
you a copy if you haven't found a later version by now.

73,  
Clarke  
K3WGF

## 217. Re: [BBSSIG:3950] Re: Country Codes

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Thu, 21 Nov 1996 19:15:41 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961121190632.11546B-100000@crl4.crl.com>  
Rendered body type: text/plain

On Thu, 21 Nov 1996, Rod Fowler (afa1nc) wrote:

> At 01:38 AM 11/21/96 -0600, you wrote:  
>  
> >Consider this, there are 32,400 individual grid squares  
> >worldwide. Can you imagine knowing where each  
> >grid square is if you don't already have a grid square  
> >map?  
> >  
> >Stacey  
> >AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
> >  
> >  
> >  
> >  
> Hi Stacey,  
>  
> You are absolutely correct so every SYSOP would have to have on the wall  
> of his shack a copy of the Grid Square Map so he can 1) first find out his own  
> Grid Square plus 2) know in what direction to forward a piece of mail.  
>  
> 73 de Rod

Say what??? Most folks only have to worry about which way to forward a message based on the four cardinal points of the compass - N, E, W and S. If you know what your GrSq is then by a simple comparison of the destination GdSq to your own you know the general direction in which the message needs to flow and from that you know which of your forwarding partners to give it to. NO??? Maybe a bit over-simplistic but tell me why this logic is deficient...

I have not worked up a forward file strictly based on GdSq components but I remember seeing one published around these lists somewhere and it was not very complicated using wildcards.

Clarke

---

## 218. Re: [BBSSIG:3952] Re: BIDCHK & FBB

From: Marty Albert <marty@trucom.com>  
Date: Fri, 22 Nov 1996 01:20:02 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961122072002.00667d84@mail.trucom.com>  
Rendered body type: text/plain

At 09:15 PM 11/21/96 -0600, Clarke (K3WGF) wrote:

>On Wed, 20 Nov 1996, Marty Albert wrote:  
>  
>> I finally got around to trying to get BIDCHK to work with FBB 5.15c, but no  
>> joy...  
>>  
>> RLICFG=E:\FBB\ (BIDCHK.INI is in this directory)  
>> RLIDB=E:\BIDCHK\ (the BIDCHK.DB is being written here)  
>> RLMSG=F:\MAIL\ (my msg files are here in the normal FBB MAIL0\...MAIL9  
>> directories)  
>  
>I have had it online and functioning under FBB 5.15c for quite a while  
>with no problems.  
>  
>Are you sure your path to your mail directory is not F:\FBB\MAIL\ with  
>MAILx subdirectories subordinate to "\FBB\MAIL"???? I guess everybody  
>does something a little different when configuring their systems...  
>  
>My version is 1.3 but I'm not sure that'd make a difference. I can ship  
>you a copy if you haven't found a later version by now.  
>  
>73,  
>Clarke  
>K3WGF

Thanks to help from Art (N2QAE) and Hank (W0RLI), I have BIDCHK running just fine with FBB 5.15c under Windows 95.

The problem seems to be that version 1.2 doesn't like FBB, but version 1.3 works perfectly.

Thanks to Art, Hank, and all!

Take Care & 73

Marty Albert - [marty@trucom.com](mailto:marty@trucom.com)  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

```
*****
Interested in Amateur Radio?
http://www.trucom.com/ppages/marty
*****
```

---

## 219. Re: [BBSSIG:3945] Re: Country Codes

From: Marty Albert <[marty@trucom.com](mailto:marty@trucom.com)>  
Date: Fri, 22 Nov 1996 01:20:10 -0600  
To: [bbssig@tapr.org](mailto:bbssig@tapr.org)  
Cc: Brian Jones <[bajones@larkhill.win-uk.net](mailto:bajones@larkhill.win-uk.net)>  
Message-ID: <1.5.4.32.19961122072010.0068ef34@mail.trucom.com>  
Rendered body type: text/plain

At 11:09 PM 11/20/96, Brian (G8ASO) wrote:

>Greetings  
>  
> While the theory sounds fine, I have serious reservations about  
>the implementation of it for long distance forwarding.  
>  
> If you are forwarding within a large country, it will probably  
>work well enough. However, when you get routes that are blocked  
>due to unworkable links, the theory starts getting more difficult  
>to implement. The problem links could be due to mountain ranges  
>which do not have elevated nodes on them or long sea paths, etc.  
>For example, around the United Kingdom, there are only two VHF  
>radio links to mainland Europe, though France and Belgium. While to  
>Ireland there are two routes and also another to Northern Ireland.  
>There are also some HF and Amateur Satellite routes, but how would  
>the grid locators assist with knowing which gateway handles what  
>areas.

What is the difference between using grids and using the current HA system?

For example, let's assume that my station "knows" a BBS in Great Britan (on HF) and gets a message bound for France... All I know, based on the HA, is that France and GB are in the same direction, so I send the message to the BBS in GB...

If we use the grid squares, I still only know that France and GB are in the same direction, so the message goes to GB...

I don't need to know or care how it gets from GB to France in either case.

> Routing of messages does require planning, but with co-operation  
>is probably easier to work out manually, than having many (or all)  
>mailboxes calculating the theoretical paths!

Maybe, maybe not.... Both here in Southeast Missouri and where I used to live near Sacramento California, the biggest problem in the packet network was SysOps and NodeOps "forcing" routes instead of letting the NetROM/TheNET nodes take care of the routing dynamically.

>73 Brian

Take Care & 73

Marty Albert - [marty@trucom.com](mailto:marty@trucom.com)  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

```
*****
Interested in Amateur Radio?
http://www.trucom.com/ppages/marty
*****
```

---

## 220. Re: [BBSSIG:3953] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Fri, 22 Nov 1996 01:20:13 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961122072013.00689e8c@mail.trucom.com>  
Rendered body type: text/plain

At 09:32 PM 11/21/96 -0600, Clarke wrote:  
>On Thu, 21 Nov 1996, Rod Fowler (afa1nc) wrote:  
>  
>> At 01:38 AM 11/21/96 -0600, you wrote:  
>>  
>> >Consider this, there are 32,400 individual grid squares  
>> >worldwide. Can you imagine knowing where each  
>> >grid square is if you don't already have a grid square  
>> >map?  
>> >  
>> >Stacey  
>> >AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
>> >  
>> >  
>> >  
>> >  
>> >  
>> Hi Stacey,  
>>  
>> You are absolutely correct so every SYSOP would have to have on the wall  
>> of his shack a copy of the Grid Square Map so he can 1) first find out  
his own  
>> Grid Square plus 2) know in what direction to forward a piece of mail.  
>>  
>> 73 de Rod  
>  
>Say what??? Most folks only have to worry about which way to forward a  
>message based on the four cardinal points of the compass - N, E, W and S.  
>If you know what your GrSq is then by a simple comparison of the  
>destination GdSq to your own you know the general direction in which the  
>message needs to flow and from that you know which of your forwarding  
>partners to give it to. NO??? Maybe a bit over-simplistic but tell me  
>why this logic is deficient...  
>  
>I have not worked up a forward file strictly based on GdSq components  
>but I remember seeing one published around these lists somewhere and it  
>was not very complicated using wildcards.  
>  
>Clarke

It is fairly simple... The biggest change would be to read the grid from  
left to right instead of the current right to left for HA systems.

Not a big deal.

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

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## 221. Re: Country Codes

From: aa7ya@juno.com  
Date: Fri, 22 Nov 1996 04:40:32 MST  
To: bbssig@tapr.org  
Message-ID: <19961122.043537.5375.0.aa7ya@juno.com>  
Rendered body type: text/plain

On Thu, 21 Nov 1996 10:49:08 -0600 (CST) Marty Albert <marty@trucom.com>  
writes:

>At 01:38 AM 11/21/96 -0600, Stacey (AA7YA) wrote:  
>>



>>Using the long address scheme is a little bit more  
>>detailed, I wouldn't know that EM47UK was is Missouri,  
>>unless I had a grid square map. I have the grid square  
>>map that the ARRL publishes (\$1.00 US), but if I didn't I  
>>>would suspect, looking at your callsign, you were  
>>somewhere in California.  
>  
>With an automated system, especially with dynamic routing, the users  
>and SysOps don't need to know where a grid is really located... Only  
>what  
>relative "direction" it is in.

The BBS can only go by what the SYSOP tells it to... That,  
is not \_automated\_ as you claim. If it was automated,  
then it would perform functions, such as mapping  
routes, connecting to stations, yadda-yadda, without  
\*human\* intervention. The BBS will only know the  
difference between North and South only by what the  
SYSOP defines in the forward script file.

>>Consider this, there are 32,400 individual grid squares  
>>worldwide. Can you imagine knowing where each  
>>grid square is if you don't already have a grid square  
>>map?  
>  
>See above... A BBS could include a "translator" to give an idea of the  
>actual location if the users really wanted it.

A "translator"? I see, just one more "toy" for the BBS, and  
one more headache for the SYSOP, let alone, trying to set  
up a BBS is a headache in itself.

>I am not saying that this is the way that we should go, only that it  
>is a viable option and does have a few attractive qualities.

"Smart BBS", now that is attractive. Until that time, humans  
will have to step in and help.

>  
>>Stacey  
>>AA7YA@AA7YA.#NEMT.MT.USA.NOAM  
>

---

## 222. Re: Country Codes

From: aa7ya@juno.com  
Date: Fri, 22 Nov 1996 05:13:35 MST  
To: bbssig@tapr.org  
Message-ID: <19961122.050914.5375.2.aa7ya@juno.com>  
Rendered body type: text/plain

On Thu, 21 Nov 1996 21:32:17 -0600 (CST) "Clarke L. Diekmann"  
<diekmann@crl.com> writes:

>On Thu, 21 Nov 1996, Rod Fowler (afalnc) wrote:  
>  
>> Hi Stacey,  
>>  
>> You are absolutely correct so every SYSOP would have to have on the  
>>wall of his shack a copy of the Grid Square Map so he can 1) first find  
>>out his own Grid Square plus 2) know in what direction to forward a  
>>piece of  
>>mail.  
>>  
>> 73 de Rod  
>  
>Say what??? Most folks only have to worry about which way to forward  
>a message based on the four cardinal points of the compass - N, E, W and

>S. If you know what your GrSq is then by a simple comparison of the  
>destination GdSq to your own you know the general direction in which  
>the message needs to flow and from that you know which of your  
>forwarding  
>partners to give it to. NO??? Maybe a bit over-simplistic but tell  
>me why this logic is deficient...

If you only have one forwarding partner, you have  
no problems, but if you have several, all I can say is  
"good luck".

>I have not worked up a forward file strictly based on GdSq components  
>but I remember seeing one published around these lists somewhere and  
>it was not very complicated using wildcards.

Consider this, there are 32,400 individual grid squares  
worldwide.

>Clarke  
>  
>

Stacey, AA7YA@AA7YA.#NEMT.MT.USA.NOAM

---

## 223. Re: Country Codes

From: aa7ya@juno.com  
Date: Fri, 22 Nov 1996 05:06:01 MST  
To: bbssig@tapr.org  
Message-ID: <19961122.050913.5375.1.aa7ya@juno.com>  
Rendered body type: text/plain

On Fri, 22 Nov 1996 01:25:23 -0600 (CST) Marty Albert <marty@trucom.com>  
writes:

>What is the difference between using grids and using the current HA  
>system?  
>  
>For example, let's assume that my station "knows" a BBS in Great  
>Britan (on HF) and gets a message bound for France... All I know, based  
on the  
>HA, is that France and GB are in the same direction, so I send the  
message to  
>the BBS in GB...  
>  
>If we use the grid squares, I still only know that France and GB are  
>in the same direction, so the message goes to GB...

Unless you forward on the Internet with a broken  
forward script file. For instance, @PNW (Pacific NW),  
has been seen on the East Coast, and @CANADA has  
been seen in Florida. Why? Because some SYSOPS are  
using broken script file, and most of these are known  
to be forwarding on the Internet. Need proof? Look  
at the route headers.

>I don't need to know or care how it gets from GB to France in either  
>case.

Even if it takes 2 weeks to get there?

>> Routing of messages does require planning, but with co-operation  
>>is probably easier to work out manually, than having many (or all)  
>>mailboxes calculating the theoretical paths!  
>  
>Maybe, maybe not.... Both here in Southeast Missouri and where I used  
>to live near Sacramento California, the biggest problem in the packet  
>network was SysOps and NodeOps "forcing" routes instead of letting the  
>NetROM/TheNET nodes take care of the routing dynamically.

What does "forcing" node routes have to do with running  
a BBS? Are blaming everyone, since you've proven \_you\_  
live in a "perfect world"?

Word of advice....

"Don't try to fix what isn't broken"

Meaning... The BBS network has been working fine  
since it's early inception, and now some folks think  
that since it works so perfectly, they need to throw  
the proverbial monkey wrench into the BBS system.

>  
>>73 Brian  
>  
>Take Care & 73  
>  
>  
>Marty Albert - marty@trucom.com

>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM  
>  
>Heartland Internet Services  
>  
>\*\*\*\*\*  
>Interested in Amateur Radio?  
><http://www.trucom.com/ppages/marty>  
>\*\*\*\*\*  
>  
>  
  
Stacey, AA7YA@AA7YA.#NEMT.MT.USA.NOAM

---

## 224. Re: [BBSSIG:3951] help winfbb and bpq

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 22 Nov 1996 06:52:32 -0700  
To: bbssig@tapr.org  
Message-ID: <199611221352.GAA18544@acca.nmsu.edu>  
Rendered body type: text/plain  
  
At 09:14 PM 11/21/96 -0600, you wrote:  
>Hello is anybody having any trouble with winfbb and bpq.  
>I cant get it to monitor the port, wont show anything on monitor screen.  
>Any ideas ? im using a pk900  
>73 and thanks  
>de Chuck kb9gss  
>csimms@dave-world.net  
>  
Chuck take a careful look at port.sys and be sure to set it up exactly like the documentation says to do. Your problem is for sure there.  
  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 225. Re: [BBSSIG:3959] Re: Country Codes

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Fri, 22 Nov 1996 08:26:46 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611221429.IAA05531@mail.texoma.net>  
Rendered body type: text/plain  
  
According to AA7YA...  
  
>  
> Unless you forward on the Internet with a broken  
> forward script file. For instance, @PNW (Pacific NW),  
> has been seen on the East Coast, and @CANADA has  
> been seen in Florida. Why? Because some SYSOPS are  
> using broken script file, and most of these are known  
> to be forwarding on the Internet. Need proof? Look  
> at the route headers.  
>  
  
Hmmm.. I'm sorry, but I can't agree with the idea that Internet forwarders have a corner on the market for bad forwarding scripts. - The hams who are clever enough to use radios sometimes have this problem too.  
  
73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

---

## 226. Re: [BBSSIG:3957] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Fri, 22 Nov 1996 11:14:05 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961122171405.00669a18@mail.trucom.com>  
Rendered body type: text/plain  
  
At 05:45 AM 11/22/96 -0600, you wrote:  
>On Thu, 21 Nov 1996 10:49:08 -0600 (CST) Marty Albert <marty@trucom.com>  
>writes:  
>  
>>At 01:38 AM 11/21/96 -0600, Stacey (AA7YA) wrote:  
>>>  
>  
>>>Using the long address scheme is a little bit more

```

>>>detailed, I wouldn't know that EM47UK was is Missouri,
>>>unless I had a grid square map. I have the grid square
>>>map that the ARRL publishes ($1.00 US), but if I didn't I
>>>would suspect, looking at your callsign, you were
>>>somewhere in California.
>>
>>With an automated system, especially with dynamic routing, the users
>>and SysOps don't need to know where a grid is really located... Only
>what
>>relative "direction" it is in.
>
>The BBS can only go by what the SYSOP tells it to... That,
>is not _automated_ as you claim. If it was automated,
>then it would perform functions, such as mapping
>routes, connecting to stations, yadda-yadda, without
>*human* intervention. The BBS will only know the
>difference between North and South only by what the
>SYSOP defines in the forward script file.

hmmm... Did you really read anything or just shoot off a negative message?
With the above comments and your lack of understanding of the difference
between bits and bytes, I wonder.

No one said the system is now automated.

>>>Consider this, there are 32,400 individual grid squares
>>>worldwide. Can you imagine knowing where each
>>>grid square is if you don't already have a grid square
>>>map?
>>
>>See above... A BBS could include a "translator" to give an idea of the
>>actual location if the users really wanted it.
>
>A "translator"? I see, just one more "toy" for the BBS, and
>one more headache for the SYSOP, let alone, trying to set
>up a BBS is a headache in itself.

I was right... Just a negative message.

>>I am not saying that this is the way that we should go, only that it
>>is a viable option and does have a few attractive qualities.
>
>"Smart BBS", now that is attractive. Until that time, humans
>will have to step in and help.

Actually, a rather simple program to write, but I doubt that you know that.

>>>Stacey
>>>AA7YA@AA7YA.#NEMT.MT.USA.NOAM
>>

```

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

```

*****
Interested in Amateur Radio?
http://www.trucom.com/ppages/marty
*****

```

## 227. Re: [BBSSIG:3959] Re: Country Codes

```

From: Marty Albert <marty@trucom.com>
Date: Fri, 22 Nov 1996 11:14:08 -0600
To: bbssig@tapr.org
Message-ID: <1.5.4.32.19961122171408.0068f604@mail.trucom.com>
Rendered body type: text/plain

At 06:22 AM 11/22/96 -0600, you wrote:
>On Fri, 22 Nov 1996 01:25:23 -0600 (CST) Marty Albert <marty@trucom.com>
>writes:
>
>>What is the difference between using grids and using the current HA
>>system?
>>
>>For example, let's assume that my station "knows" a BBS in Great

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>>Britan (on HF) and gets a message bound for France... All I know, based
>on the
>>HA, is that France and GB are in the same direction, so I send the
>message to
>>the BBS in GB...
>>
>>If we use the grid squares, I still only know that France and GB are
>>in the same direction, so the message goes to GB...
>
>Unless you forward on the Internet with a broken
>forward script file. For instance, @PNW (Pacific NW),
>has been seen on the East Coast, and @CANADA has
>been seen in Florida. Why? Because some SYSOPS are
>using broken script file, and most of these are known
>to be forwarding on the Internet. Need proof? Look
>at the route headers.

```

And what does this have to do with this discussion, Stacey? Little, if anything.

If you can't offer something constructive, at least try to stay on topic.

```

>>I don't need to know or care how it gets from GB to France in either
>>case.
>
>Even if it takes 2 weeks to get there?

```

It often takes longer than that now. Was there a point or just more negative comments?

```

>>> Routing of messages does require planning, but with co-operation
>>>is probably easier to work out manually, than having many (or all)
>>>mailboxes calculating the theoretical paths!
>>
>>Maybe, maybe not.... Both here in Southeast Missouri and where I used
>>to live near Sacramento California, the biggest problem in the packet
>>network was SysOps and NodeOps "forcing" routes instead of letting the
>>NetROM/TheNET nodes take care of the routing dynamically.
>
>What does "forcing" node routes have to do with running
>a BBS? Are blaming everyone, since you've proven _you_
>live in a "perfect world"?

```

First off, I assume that you can't understand analogies. Too bad since I won't waste bandwidth on it here... Look it up.

"Perfect world"? Not me. Again, all I see here is an attitude that "This is [how I want it][this is how we have always done it] (pick one or more) and so we shouldn't consider changes."

Sorry, Stacey, but you are not the center of the universe.

```

>Word of advice....
>
>"Don't try to fix what isn't broken"

```

It is broken.

```

>Meaning... The BBS network has been working fine
>since it's early inception, and now some folks think
>that since it works so perfectly, they need to throw
>the perverbial monkey wrench into the BBS system.

```

See above.

```

>
>>
>>>73 Brian
>>
>>Take Care & 73
>>
>>
>>Marty Albert - marty@trucom.com
>>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM
>>
>>Heartland Internet Services
>>
>>*****
>>Interested in Amateur Radio?
>>http://www.trucom.com/ppages/marty

```

```
>>*****
>>
>>
>
>Stacey, AA7YA@AA7YA.#NEMT.MT.USA.NOAM
>
>
```

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

```
*****
Interested in Amateur Radio?
http://www.trucom.com/ppages/marty
*****
```

---

## 228. Re: [BBSSIG:3963] Re: Country Codes

From: Thomas I Mathewson <tommath@norwich.net>  
Date: Fri, 22 Nov 1996 18:38:58 -0800  
To: bbssig@tapr.org  
Message-ID: <329663C2.69EC@norwich.net>  
Rendered body type: text/plain

Marty Albert wrote:

>  
> At 06:22 AM 11/22/96 -0600, you wrote:9great big snip)

I do not very often add very much to the bandwidth on here but I thought that I would add my QRM to this discussion.

I was asked by a SYSOP, whose call I shall not mention, if I would but my grid square in the 'R' line. I said sure, why not? He wanted to see if he could route on just the grid square. Well his test was a resounding success. I have put in a few grid squares that he can handle and it works very well. I wonder if Jean Paul, F6FBB is considering adding this forward on grid square 'feature' to his PBBS software? He already requires a sysop to install the grid square of the BBS. Interesting question.

73 Tom KA2MYD

---

## 229. Re: [BBSSIG:3959] Re: Country Codes

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Fri, 22 Nov 1996 13:54:13 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611221854.NAA14063@itchy.mosquito.com>  
Rendered body type: text/plain

At 06:22 AM 11/22/96 -0600, you wrote:

>On Fri, 22  
>Word of advice....  
>  
>"Don't try to fix what isn't broken"  
>  
>Meaning... The BBS network has been working fine  
>since it's early inception, and now some folks think  
>that since it works so perfectly, they need to throw  
>the proverbial monkey wrench into the BBS system.

No one has said it was broken but you lost site of what we are trying to accomplish, get rid of the arguments with EU/EURO and NA/AOAM and what to use instead of that.

73 de Rod

---

## 230. Re: [BBSSIG:3965] Re: Country Codes

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Fri, 22 Nov 1996 12:01:46 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.1996112200146.0068a378@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 12:57 PM 11/22/96 -0600, you wrote:  
>At 06:22 AM 11/22/96 -0600, you wrote:  
>>On Fri, 22

>>Word of advice....  
>>  
>>"Don't try to fix what isn't broken"  
>>  
>>Meaning... The BBS network has been working fine  
>>since it's early inception, and now some folks think  
>>that since it works so perfectly, they need to throw  
>>the perverbial monkey wrench into the BBS system.  
>  
>No one has said it was broken but you lost site of what we are trying  
>to accomplish, get rid of the arguments with EU/EURO and NA/AOAM  
>and what to use instead of that.

Some of us just use both. Hams have proven they will not create and adopt a standard, so we don't have one.

Seems this same discussion comes up every year or two.  
Remember routing on postal codes?  
(Doesn't work, no longer even discussed.)

If anyone wants to try and convert my forwarding file to use grid squares, the offer is still open. Last time this discussion came up, nobody was able to convert it. That was evidence that convinced me that grid squares are not a good idea.

Why is it hard for me to use grid squares? Take Europe as an example. Sometimes I forward that traffic due north, sometimes southwest, and sometimes northeast. For south america, some goes north, some goes due east, and some goes south. (Note the difference between "some" and "sometimes"). For California traffic, I forward either northwest or due south, depending on time of day and particular location in California.

Using hierachical locations, the above is all very simple. Using grid squares, I could not figure out how to do it at all.

If anyone is interested in attempting a conversion of my forwarding list, send me a message at w0rli@w0rli.or.usa.noam and I will send it to you. If you can demonstrate that using grid squares makes life simpler, I'll use them.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet : hank\_oredson@mentorg.com                "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

---

## 231. Re: [BBSSIG:3958] Re: Country Codes

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Fri, 22 Nov 1996 12:19:15 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961122121337.2973B-100000@crl8.crl.com>  
Rendered body type: text/plain

On Fri, 22 Nov 1996 aa7ya@juno.com wrote:

> Consider this, there are 32,400 individual grid squares  
> worldwide.  
>  
> Stacey, AA7YA@AA7YA.#NEMT.MT.USA.NOAM

So? Do you have EVERY country code in your forward file? You only need to know in which direction to forward all your EU/EURO mail. With GdSq forwarding you do the segregation with wildcard characters hitting on those simple six-character grid squares... You certainly dont need 34,000 gridsquares in your forward file.

Clarke

---

## 232. Re: [BBSSIG:3955] Re: Country Codes

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Fri, 22 Nov 1996 12:11:52 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961122121007.2973A-100000@crl8.crl.com>  
Rendered body type: text/plain

On Fri, 22 Nov 1996, Marty Albert wrote:

> At 11:09 PM 11/20/96, Brian (G8AS0) wrote:  
> >Greetings  
> >

> > While the theory sounds fine, I have serious reservations about  
> > the implementation of it for long distance forwarding.  
> >  
> > If you are forwarding within a large country, it will probably  
> > work well enough. However, when you get routes that are blocked  
> > due to unworkable links, the theory starts getting more difficult  
> > to implement. The problem links could be due to mountain ranges  
> > which do not have elevated nodes on them or long sea paths, etc.  
> > For example, around the United Kingdom, there are only two VHF  
> > radio links to mainland Europe, though France and Belgium. While to  
> > Ireland there are two routes and also another to Northern Ireland.  
> > There are also some HF and Amateur Satellite routes, but how would  
> > the grid locators assist with knowing which gateway handles what  
> > areas.  
>  
> What is the difference between using grids and using the current HA system?  
>  
> For example, let's assume that my station "knows" a BBS in Great Britan (on  
> HF) and gets a message bound for France... All I know, based on the HA, is  
> that France and GB are in the same direction, so I send the message to the  
> BBS in GB...  
>  
> If we use the grid squares, I still only know that France and GB are in the  
> same direction, so the message goes to GB...  
>  
> I don't need to know or care how it gets from GB to France in either case.  
>  
> > Routing of messages does require planning, but with co-operation  
> > is probably easier to work out manually, than having many (or all)  
> > mailboxes calculating the theoretical paths!  
>  
> Maybe, maybe not.... Both here in Southeast Missouri and where I used to  
> live near Sacramento California, the biggest problem in the packet network  
> was SysOps and NodeOps "forcing" routes instead of letting the NetROM/TheNET  
> nodes take care of the routing dynamically.  
>  
> >73 Brian  
>  
> Take Care & 73  
>  
>  
> Marty Albert - marty@trucom.com  
> Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM  
>

I must be off my medication again... What does forcing a connect route  
through NetRom nodes have to do with GdSq forwarding??? Guess I missed  
the big point...

CLarke

---

## 233. Re: [BBSSIG:3968] Re: Country Codes

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Fri, 22 Nov 1996 13:01:51 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961122210151.0068f2d0@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 02:30 PM 11/22/96 -0600, CLarke wrote:

>I must be off my medication again... What does forcing a connect route  
>through NetRom nodes have to do with GdSq forwarding??? Guess I missed  
>the big point...

Perhaps, but maybe it's just topic drift.  
The comment was made in response to "Let's fix things that are broke."  
Nothing to do with grid squares, just to do with "What's broke."

I happen to agree: grid square forwarding has been a "Solution in  
search of a problem" for several years now.

|                                        |                    |
|----------------------------------------|--------------------|
| Hank Oredson @ Mentor Graphics         | Library Operations |
| Internet : hank_oredson@mentorg.com    | "Parts 'R Us!"     |
| Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM |                    |

---



## 234. Country codes or NA NOAM

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 22 Nov 1996 14:14:09 -0700  
To: bbssig@tapr.org  
Message-ID: <199611222114.OAA01110@acca.nmsu.edu>  
Rendered body type: text/plain

I have been saving the messages addressed to the Subject and just counted 40 messages! I will look at all in detail and summarize the findings in the next message. It is clear that many have ideas they think are best. I have no problem with any of it but the result must be clear.

Whatever we come up with must be applicable to the software being used today and any existing pbbs station should be able to install our output and have no problems continuing to forward as they are now doing. This says if the grid-square idea is used it will be used in conjunction with the current system.

And my TNOS pbbs will continue to have:

\*@\*.eu f6cnb  
\*@\*.euro f6cnb

or maybe a new one.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 235. Re: [BBSSIG:3970] Country codes or NA NOAM

From: Edward Sadowski <edsadow@ids.net>  
Date: Fri, 22 Nov 1996 17:52:43 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961122175534.1cdf8e84@mail.ids.net>  
Rendered body type: text/plain

Maybe it's time for a little comic relief here 8-): "Beam us up, Scotty. There's no intelligent life here!" No flames, just a little levity!

Ed, W1BF

At 03:18 PM 11/22/96 -0600, you wrote:

> I have been saving the messages addressed to the Subject and just  
> counted 40 messages! I will look at all in detail and summarize the findings  
> in the next message. It is clear that many have ideas they think are best. I  
> have no problem with any of it but the result must be clear.

>  
> Whatever we come up with must be applicable to the software being  
> used today and any existing pbbs station should be able to install our  
> output and have no problems continuing to forward as they are now doing.  
> This says if the grid-square idea is used it will be used in conjunction with  
> the current system.

>  
> And my TNOS pbbs will continue to have:

>       \*@\*.eu f6cnb  
>       \*@\*.euro f6cnb

> or maybe a new one.

>  
> 73, de Karl aka k5di

>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

>  
>  
>

---

## 236. Re: [BBSSIG:3966] Re: Country Codes

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Fri, 22 Nov 1996 16:59:50 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611222301.RAA08808@mail.texoma.net>  
Rendered body type: text/plain

I think I know part of why the Grid-Square routing may seem so attractive..

Witness the pro/con arguments over fine points of H-addr routing..

Standardization of it is pretty unlikely. Unfortunate, regrettable - but true. Despite this, let's not lose sight of the fact that it still works just fine.

On the other hand, a Grid-Square is a Grid-Square.. Long established, not likely to change, not as open to 'interpretation' as H-addressing. Go over to Grid-square routing, and - Presto Chango! - We've got a standard.

It seems to me that many participants here are digging pretty deep to rationalize their respective sides of the routing issue. For my part, I put on my "hip waders" before reading postings on the routing issue, both here and on the packet network.

Sometimes "it" gets pretty deep! :-)

I don't have any particular preference, as long as the messages continue to get where they are intended to go. Grid-Square routing probably would work no better or worse than the system ( warts, arguments and all ) that we already use.. But adoption of it could cut down on the disagreements over fine points of message routing - maybe.

By "adoption" of Grid-Square routing, I'm talking about an agreement among packet BBS authors to hard-code it into ALL the software. There are just a few BBS authors, so there's a chance there for organization and agreement.

There are thousands of BBS Sysops though, and the chances of agreement and organization in that group are pretty small - Like zero.

73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

---

## 237. Re: [BBSSIG:3953] Re: Country Codes

```
From: Brian Jones <bajones@larkhill.win-uk.net>
Date: Fri, 22 Nov 1996 23:21:26
To: bbssig@tapr.org
Message-ID: <264@larkhill.win-uk.net>
Rendered body type: text/plain

>On Thu, 21 Nov 1996, Rod Fowler (afalnc) wrote:
>
>> At 01:38 AM 11/21/96 -0600, you wrote:
>>
>> >Consider this, there are 32,400 individual grid squares
>> >worldwide. Can you imagine knowing where each
>> >grid square is if you don't already have a grid square
>> >map?
>> >
>> >
>> >Stacey
>> >AA7YA@AA7YA.#NEMT.MT.USA.NOAM
>> >
>> >
>> >
>> Hi Stacey,
>>
>> You are absolutely correct so every SYSOP would have to have on the wall
>> of his shack a copy of the Grid Square Map so he can 1) first find out his own
>> Grid Square plus 2) know in what direction to forward a piece of mail.
>>
>> 73 de Rod
>
>Say what??? Most folks only have to worry about which way to forward a
>message based on the four cardinal points of the compass - N, E, W and S.
>If you know what your GrSq is then by a simple comparison of the
>destination GdSq to your own you know the general direction in which the
>message needs to flow and from that you know which of your forwarding
>partners to give it to. NO??? Maybe a bit over-simplistic but tell me
>why this logic is deficient...
>
>I have not worked up a forward file strictly based on GdSq components
>but I remember seeing one published around these lists somewhere and it
>was not very complicated using wildcards.
>
>Clarke
>
>
```

BUT ... we know from practical experience, that we DO NOT forward

all the mail for countries to the east directly in an easterly direction. It normally goes in a southerly direction. While it we try to send anything in a northerly direction it comes to a dead end of the network as there is nothing but the Arctic Ocean up there.

While towards the west we have 3000 miles of the Atlantic Ocean to the west of Ireland. So for the westerly routes, depending on the area of the country, we forward to a gateway north, south, east or west of us.....

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU         bajones@larkhill.win-uk.net
=====
```

---

## 238. Re: [BBSSIG:3959] Re: Country Codes

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Fri, 22 Nov 1996 23:07:36  
To: bbssig@tapr.org  
Cc: marty@trucom.com  
Message-ID: <263@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

>On Fri, 22 Nov 1996 01:25:23 -0600 (CST) Marty Albert <marty@trucom.com>  
>writes:  
>  
>>What is the difference between using grids and using the current HA  
>>system?  
>>  
>>For example, let's assume that my station "knows" a BBS in Great  
>>Britan (on HF) and gets a message bound for France... All I know, based  
>>on the  
>>HA, is that France and GB are in the same direction, so I send the  
>>message to  
>>the BBS in GB..  
>>  
>>If we use the grid squares, I still only know that France and GB are  
>>in the same direction, so the message goes to GB..  
>  
>Unless you forward on the Internet with a broken  
>forward script file. For instance, @PNW (Pacific NW),  
>has been seen on the East Coast, and @CANADA has  
>been seen in Florida. Why? Because some SYSOPS are  
>using broken script file, and most of these are known  
>to be forwarding on the Internet. Need proof? Look  
>at the route headers.  
>

Hang on a minute! Lets get one thing clear at this point of the discussion.

The idea is the creation of hierarchial addresses for the mailboxes, \_not\_ the naming of bulletin distributions. Though I would agree with the observation about bulletins getting outside the original distribution area, because someone changed the originators distribution address or otherwise sent it away to some other area.

>>I don't need to know or care how it gets from GB to France in either  
>>case.  
>  
>Even if it takes 2 weeks to get there?  
>  
>>> Routing of messages does require planning, but with co-operation  
>>>is probably easier to work out manually, than having many (or all)  
>>>mailboxes calculating the theoretical paths!  
>>  
>>Maybe, maybe not.... Both here in Southeast Missouri and where I used  
>>to live near Sacramento California, the biggest problem in the packet

```
>>network was SysOps and NodeOps "forcing" routes instead of letting the
>>NetROM/TheNET nodes take care of the routing dynamically.
>
>What does "forcing" node routes have to do with running
>a BBS? Are blaming everyone, since you've proven _you_
>live in a "perfect world"?
>
```

There is much to be said about managing NetRom or other node routes, and not to have them all at the high default route qualities. But that is another discussion.

```
>Word of advice....
>
>"Don't try to fix what isn't broken"
>
>Meaning... The BBS network has been working fine
>since it's early inception, and now some folks think
>that since it works so perfectly, they need to throw
>the perverbial monkey wrench into the BBS system.
>
>>
>>>73 Brian
>>
>>Take Care & 73
>>
>>
>>Marty Albert - marty@trucom.com
>>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM
>>
>>Heartland Internet Services
>>
>>*****
>>Interested in Amateur Radio?
>>http://www.trucom.com/ppages/marty
>>*****
>>
>>
>
>Stacey, AA7YA@AA7YA.#NEMT.MT.USA.NOAM
>
>
```

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU          bajones@larkhill.win-uk.net
=====
```

## 239. Re: [BBSSIG:3951] help winfbb and bpq

```
From: KB6ZVP@aol.com
Date: Fri, 22 Nov 1996 18:35:29 -0500
To: bbssig@tapr.org
Cc: csimms@dave-world.net
Message-ID: <961122183528_705630611@emout07.mail.aol.com>
Rendered body type: text/plain
```

In a message dated 96-11-21 22:40:36 EST, you write:

```
<< Hello is anybody having any trouble with winfbb and bpq,
I cant get it to monitor the port, wont show anything on monitor screen.
Any ideas ? im using a pk900
73 and thanks
de Chuck kb9gss
csimms@dave-world.net
>>
```

Chuck,

I run WinFBB and BPQ and will be glad to assist you if I can.

73, Mark - kb6zvp@aol.com

## 240. Re: [BBSSIG:3972] Re: Country Codes

From: Hank Oredson <Hank\_Oredson@MENTORG.COM>  
Date: Fri, 22 Nov 1996 16:14:18 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961123001418.00681780@em-wv03.wv.mentorg.com>  
Rendered body type: text/plain

At 05:08 PM 11/22/96 -0600, n5pvl wrote:

>By "adoption" of Grid-Square routing, I'm talking about an agreement among  
>packet BBS authors to hard-code it into ALL the software. There are just a  
>few BBS authors, so there's a chance there for organization and agreement.

There is only one minor problem with this idea: What is the "it"  
that we should hard-code? With respect to "grid square routing"  
I haven't a clue \*what\* to hardwire into my code.

And of course there is a second minor problem: if anything is hard-coded,  
it requires a software release to change.

And there is an opportunity: I suspect most bbs codes will handle grid square  
routing just fine, if someone could explain how it should work.

Now if someone could just explain it ... for example, translating  
my routing table into grid square form ... which I was unable to do.

Send me a message at w0rli@w0rli.or.usa.noam if you want to try.  
I'll send you my routing table.

Hank Oredson @ Mentor Graphics                      Library Operations  
Internet        : hank\_oredson@mentorg.com        "Parts 'R Us!"  
Amateur Radio: W0RLI@W0RLI.OR.USA.NOAM

---

## 241. Re: [BBSSIG:3972] Re: Country Codes

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
Date: Fri, 22 Nov 1996 18:24:50 -0600  
To: bbssig@tapr.org  
Message-ID: <v0300780baebbf39f0d9f@[128.83.113.69]>  
Rendered body type: text/plain

>I think I know part of why the Grid-Square routing may seem so attractive..  
>

I guess the question I ask is what about the users ?

How attractive are Grid-Squares going to be to someone wanting to address  
some mail to a friend. Sending wd5ivd@w05h.#dfw.tx.usa.noam seems to be  
pretty simple -- maybe because it is been in use a long time. Changing  
from H-routes to something else might be a better alternatives, but trying  
to implement (as Hank points out) might make it un-tenable currently and in  
the future. Trying to come to some understanding to H-routes might be  
better.

Would I use the gridsquare of where my firends lives or the BBS he is using  
? Issues like that ?

I guess the question Barry Buelow and myself were asking, how do we really  
try to promote an international standard ? A start was made on this last  
once, but more needs to be done. Do you use recognized organizations ? Do  
you use national groups ? What list of key poeple is needed or required to  
allow the rest of the group to follow along for the most part ? It does  
seem the software authors themself no longer have the 'status' to be able  
to do it -- although you would think that would still be the case.

Cheers - Greg, WD5IVD

-----  
Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
http://www.tapr.org/~wd5ivd  
-----

---

## 242. Re: [BBSSIG:3969] Re: Country Codes

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Fri, 22 Nov 1996 17:29:19 -0800 (PST)

To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961122172626.6277A-100000@crl8.crl.com>  
Rendered body type: text/plain

On Fri, 22 Nov 1996, Hank Oredson wrote:

> I happen to agree: grid square forwarding has been a "Solution in  
> search of a problem" for several years now.

I guess my forward file must be a lot simpler than most others. It seems to me that if you can do something with hierarchical addresses you can do it with gridsquares and wildcards.

Clarke

---

## 243. Re: Country Codes

From: aa7ya@juno.com  
Date: Fri, 22 Nov 1996 18:34:23 MST  
To: bbssig@tapr.org  
Message-ID: <19961122.183237.5375.0.aa7ya@juno.com>  
Rendered body type: text/plain

On Fri, 22 Nov 1996 11:23:57 -0600 (CST) Marty Albert <marty@trucom.com> writes:

>> The BBS can only go by what the SYSOP tells it to... That,  
>> is not \_automated\_ as you claim. If it was automated,  
>> then it would perform functions, such as mapping  
>> routes, connecting to stations, yadda-yadda, without  
>> \*human\* intervention. The BBS will only know the  
>> difference between North and South only by what the  
>> SYSOP defines in the forward script file.

> No one said the system is now automated.

You said it was automated, not me. The following is what you stated earlier.....

>>> With an automated system, especially with dynamic routing, the users  
>>> and SysOps don't need to know where a grid is really located... Only  
>>> what relative "direction" it is in.

But as you say, that is not the thread of discussion, but I thought that I had to set the record straight.

>> A "translator"? I see, just one more "toy" for the BBS, and  
>> one more headache for the SYSOP, let alone, trying to set  
>> up a BBS is a headache in itself.  
>  
> I was right... Just a negative message.

You need to discern what is negative and what isn't. What I said is what I think/believe, and I think I have that right, unless some unwilling bureaucrat has taken that right away from me.

What I meant to say is this. I don't believe that having various servers attached to a BBS system is wrong, but with the current scene of what is available, I have no current knowledge, except a Grid Square server on a FBB system, that other brands of software, including xNOS, has this built in. I use JNOS, and it certainly does not have this feature built into it, but with FBB style forwarding used in JNOS, perhaps a few authors can put some code together to allow this to be used on a JNOS system, just as it is used on a FBB system. If someone can detail the true merits of using grid square forwarding, besides byte conservation, I may be so bold to say that I am skeptical it will work. Is this so hard to understand, or do I have to waste keystrokes just to set my record straight?

> Actually, a rather simple program to write, but I doubt that you know  
> that.

Hmmm, I don't know, you say that I am negative, but in turn, you seem to talk negative, who is kidding who?

Hey, I welcome the challenge to anyone that is willing to write it. I don't do much 'c' language programming, as with human nature, I am learning, slowly as it may seem, but I am trying.

```

> Take Care & 73
>
>
> Marty Albert - marty@trucom.com
> Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM
>
> Heartland Internet Services
>
> *****
> Interested in Amateur Radio?
> http://www.trucom.com/ppages/marty
> *****
>
>
>>>> Stacey
>>>> AA7YA@AA7YA.#NEMT.MT.USA.NOAM
>>>

```

---

## 244. Grid Squares (was Country Codes)

From: Mike Fahmie <MPFahmie@lbl.gov>  
 Date: Fri, 22 Nov 1996 17:46:01 -0800  
 To: bbssig@tapr.org  
 Message-ID: <199611230146.RAA00102@mh1.lbl.gov>  
 Rendered body type: text/plain

Let me take a try at this. (shields to full power Scotty)

Grid Squares provide a good indication of where someplace is.  
 H-Addr's tell you where someplace is AND a logical way to get there.

As many have already stated, just because the grid indicates that the destination bbs is east of here doesn't mean that I can send that message to any bbs that is east of me. If it is just a little east, fine, if it is 500 miles east then I send it west to my HF resource, if it on the east coast, I send it south to my local satgate (except for a couple of areas that don't seem to have RF access, I send them west to my local Inet gateway).

If bbs code were written to calculate distance/bearing between your bbs and the destination bbs, then tables could be written that took both factors into account. These tables might remind you of the trig tables that used to adorn the appendix of your math texts a few years ago. Political boundaries would not be obvious without translating a polar coordinate into a map location. Routing tables would no longer be intuitive.

Many regional forwarding systems were laid out in a hierarchial friendly manner, with local/wide area hubs and trunks, how do you map polar coordinates into such a system (or do you tear it down and rebuild it to be polar friendly)?

What part of Hierarchial addressing isn't working for us?  
 Does Grid Square addressing offer us something we need?

-Mike-

Mike Fahmie - Advanced Light Source  
 Lawrence Berkeley National Laboratory  
 (510) 486-4030 - MPFahmie@lbl.gov  
 WA6ZTY @ N6EEG

---

## 245. Re: [BBSSIG:3977] Re: Country Codes

From: Sid Ashen-Brenner <sashen@midusa.net>  
 Date: Fri, 22 Nov 1996 20:03:03 -0600  
 To: bbssig@tapr.org  
 Message-ID: <2.2.32.19961123020303.0068bc1c@midusa.net>  
 Rendered body type: text/plain

At 07:00 PM 11/22/96 -0600, you wrote:  
 >>I think I know part of why the Grid-Square routing may seem so attractive..  
 >>  
 >  
 >I guess the question I ask is what about the users ?  
 >  
 >How attractive are Grid-Squares going to be to someone wanting to address  
 >some mail to a friend. Sending wd5ivd@w05h.#dfw.tx.usa.noam seems to be  
 >pretty simple -- maybe becuase it is been in use a long time. Changing  
 >from H-routes to something else might be a better alternatives, but trying

>to implement (as Hank points out) might make it un-tenable currently and in  
>the future. Trying to come to some understanding to H-routes might be  
>better.  
>  
>Would I use the gridsquare of where my friend lives or the BBS he is using  
>? Issues like that ?  
>  
>I guess the question Barry Buelow and myself were asking, how do we really  
>try to promote an international standard ? A start was made on this last  
>once, but more needs to be done. Do you use recognized organizations ? Do  
>you use national groups ? What list of key people is needed or required to  
>allow the rest of the group to follow along for the most part ? It does  
>seem the software authors themselves no longer have the 'status' to be able  
>to do it -- although you would think that would still be the case.

Then there's the (minor?) issue of getting EVERY Sysop to run the NEWest  
version of their "favorite" software. I know a few that are still running  
older versions of BBS software, NOT the "current" version, and have no  
intention of switching, cause in their opinion... what they are running now  
is not "broken", so they do not intend to "fix" it.

Sid Ashen-Brenner Salina, Kansas  
Internet : sashen@midusa.net  
AX-25 : n0obm @ n0obm.#ncks.ks.usa.noam

---

## 246. Re: [BBSSIG:3971] Re: Country codes or NA NOAM

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Fri, 22 Nov 1996 22:30:43 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199611230330.WAA21245@itchy.mosquito.com>  
Rendered body type: text/plain

At 04:54 PM 11/22/96 -0600, you wrote:  
>Maybe it's time for a little comic relief here 8-): "Beam us up, Scotty.  
>There's no intelligent life here!"

Ed, you are so right!

I am now keeping my MOUTH SHUT!

73 de Rod

---

## 247. Re: [BBSSIG:3977] Re: Country Codes

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Fri, 22 Nov 1996 22:51:10 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611230456.WAA01882@mail.texoma.net>  
Rendered body type: text/plain

According to Greg Jones..

>  
> >I think I know part of why the Grid-Square routing may seem so  
> attractive..  
> >  
> >  
> I guess the question I ask is what about the users ?  
>

That's a good question, and certainly worth consideration! Then again, I  
think we can depend on the users to use whatever is available. Just like  
the Sysops. If there are two possible ways to do it, then you'll see both  
systems used. If there are three, you'll see all three, and so on...

\*@\*.eu f6cnb  
\*@\*.euro f6cnb

> How attractive are Grid-Squares going to be to someone wanting to  
> address  
> some mail to a friend. Sending wd5ivd@w05h.#dfw.tx.usa.noam seems to be  
> pretty simple -- maybe because it is been in use a long time. Changing  
> from H-routes to something else might be a better alternatives, but  
> trying  
> to implement (as Hank points out) might make it un-tenable currently and  
> in  
> the future. Trying to come to some understanding to H-routes might be  
> better.  
>



It's pretty rare to see somebody going through the trouble to enter an entire H-address when entering a message. I can't remember seeing that happen for quite a while. In most (almost all) cases, the user enters SP HAMCALL and the excellent WP system/server finishes addressing the message for him.

There are exceptions to this of course.. In those situations, if the user knows the other ham's homeBBS, he should also has the address, whatever it may be. I'm fairly active on packet, and so far have never had occasion to "guess" an H-address. Either the WP server or I knew the address.

The problem (as always) with coming to an understanding among the world's Sysops as to message routing is that it is highly unlikely to happen. Joe Bloe in Kokamo will insist on using EU, while Ted Dred in Dresden insists on using EURO. This will happen as long as Sysops are given the option to determine for themselves these particulars. It will also continue to happen no matter what which authority says or recommends. " If it CAN go wrong, it will."

That's partly why I suggested putting it in the software. ( Either a settled-upon H-route or Grid-Square routing - It really doesn't matter which to me. )

Either one would work fine I'm sure, and in fact our present unstandardized, argued-over "system" appears to work fine too.- But the perpetual debate system we currently use doesn't lend itself very well to the goal of standardization, and sometimes is hard on the nerves. Hard-coding ends the debate, and marks the beginning of true standardization.

Which would we rather have? An argument or a standard? That's a serious question.

> Would I use the gridsquare of where my firends lives or the BBS he is using  
> ? Issues like that ?  
>

It would be the same deal as with H-addresses.. If your friend runs a BBS, you would use his Grid-Square. In all other cases the Grid-Square of his homeBBS would be the way to go.

> I guess the question Barry Buelow and myself were asking, how do we really  
> try to promote an international standard ? A start was made on this last  
> once, but more needs to be done. Do you use recognized organizations ?  
Do  
> you use national groups ? What list of key poeple is needed or required to  
> allow the rest of the group to follow along for the most part ? It does  
> seem the software authors themself no longer have the 'status' to be able  
> to do it -- although you would think that would still be the case.  
>

You don't.

There is no organization, group, or key people who are recognized, much less listened to by a significant majority of the world's body of BBS Sysops. There probably never will be. Too many Sysops, too big a planet with too much diversity.

If you understand this, the lack of progress becomes very easy to understand, and the idea of hard-coding ONE system in the software starts to look more sensible.

Debates such as this are self-perpetuating, as long as there are options to debate.

I'm not a big fan of reduced options, but if standardization of packet message routing is the goal, then I would put trying to convince every Sysop on the planet to agree with each other or anyone/thing else as a \*very\* distant second to simply hard-coding the XYZ message routing system into the software.

It all boils down to this: The smaller the group, the more likely you will be to find a consensus or workable compromise. There are a few BBS authors, and then there are many, many more Sysops.. If the few BBS authors are unable to agree on a system, then I would say that getting all the world's Sysops to agree would be much, much less likely.

Just for drill: Is there REALLY anyone in this group who believes that all the world's Sysops will ever voluntarily agree to do things in one

particular way, when there are a number of available options? Hmm?

A "majority" does not constitute a standard. For example: If only a "majority" of 1/4-20 bolts in a bin had 20 threads per inch, that means that some number out of that bin are worthless. You could not then say, "The bin contains standard hardware" in a literal sense.

Right now we have such a "majority", which is why we don't have a standard.

---

## 248. Re: [BBSSIG:3966] Re: Country Codes

From: msc@usa1.com  
Date: Sat, 23 Nov 1996 11:54:50 -0500  
To: bbssig@tapr.org  
Message-ID: <32972C5A.E63@usa1.com>  
Rendered body type: text/plain

Hank Oredson wrote:

>  
> At 12:57 PM 11/22/96 -0600, you wrote:  
> >At 06:22 AM 11/22/96 -0600, you wrote:  
> >>On Fri, 22  
> >>Word of advice....  
> >>  
> >>"Don't try to fix what isn't broken"  
> >>  
> >>Meaning... The BBS network has been working fine  
> >>since it's early inception, and now some folks think  
> >>that since it works so perfectly, they need to throw  
> >>the perverbial monkey wrench into the BBS system.  
> >  
> >No one has said it was broken but you lost site of what we are trying  
> >to accomplish, get rid of the arguments with EU/EURO and NA/AOAM  
> >and what to use instead of that.  
>  
> Some of us just use both. Hams have proven they will not create and  
> adopt a standard, so we don't have one.  
>  
> Seems this same discussion comes up every year or two.  
> Remember routing on postal codes?  
> (Doesn't work, no longer even discussed.)  
>  
> If anyone wants to try and convert my forwarding file to use grid  
> squares, the offer is still open. Last time this discussion came  
> up, nobody was able to convert it. That was evidence that convinced  
> me that grid squares are not a good idea.  
>  
> Why is it hard for me to use grid squares? Take Europe as an example.  
> Sometimes I forward that traffic due north, sometimes southwest, and  
> sometimes northeast. For south america, some goes north, some goes due  
> east, and some goes south. (Note the difference between "some" and  
> "sometimes"). For California traffic, I forward either northwest or  
> due south, depending on time of day and particular location in California.  
>  
> Using hierachical locations, the above is all very simple. Using grid  
> squares, I could not figure out how to do it at all.  
>  
> If anyone is interested in attempting a conversion of my forwarding list,  
> send me a message at w0rli@w0rli.or.usa.noam and I will send it to you.  
> If you can demonstrate that using grid squares makes life simpler, I'll use  
> them.  
>  
> Hank Oredson @ Mentor Graphics                      Library Operations  
> Internet                : hank\_oredson@mentorg.com        "Parts 'R Us!"  
> Amateur Radio: W0RLI@W0RLI.OR.U.S.A.NOAM  
Hank Send a message to w1eo @ w1on.fn42jn.ma.usa.noam he has ur RLI  
forwarding by grid square routine for 2yrs now...

His name is DoC I believe you know him.

Mike wg1i @ wg1i.fn42kk.ma.usa.noam

---

## 249. Re: [BBSSIG:3960] Re: help winfbb and bpq

From: chuck simms <csimms@dave-world.net>  
Date: Thu, 24 Oct 1996 17:11:06 -0500  
To: bbssig@tapr.org  
Message-ID: <326FE97A.78FD@dave-world.net>  
Rendered body type: text/plain

Karl F. Larsen wrote:  
>  
> At 09:14 PM 11/21/96 -0600, you wrote:  
> >Hello is anybody having any trouble with winfb and bpq,  
> >I cant get it to monitor the port, wont show anything on monitor screen.  
> >Any ideas ? im using a pk900  
> >73 and thanks  
> >de Chuck kb9gss  
> >csimms@dave-world.net  
> >  
> Chuck take a careful look at port.sys and be sure to set it up  
> exactly like the documentation says to do. Your problem is for sure there.  
>  
> 73, de Karl aka k5di  
>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com  
Thanks Karl you were right got it going....  
73 de Chuck

---

## 250. Re: Country Codes

From: bewwhite@ibm.net  
Date: Sun, 24 Nov 96 13:08:46  
To: bbssig@tapr.org  
Message-ID: <9611242120.AA0021@localhost>  
Rendered body type: text/plain

I have followed the debate with interest re H addressing versus Grid Squares. It seems to me that while Grid Squares would indeed do the job it has the disadvantage that it does not comply with any international standard outside of amateur radio.

Now it may be considered that that does not matter and that is fair comment. The ability to setup forwarding tables with wild card characters is all that is needed to reduce forwarding tables to very managable sizes.

Without looking into the matter in greater depth the whole of our part of the world could be forwarded to with Q\*\*\*\*\* not a great change on something like \*.\*.\*.OC but then OC is really too large.

One advantage would be we could get rid of this #sa and sa nonsense. Or perhaps that could be fixed by the BBS writers fixing the software anyway.

73  
Barry VK2AAB @ VK2WI.QF56MH  
bewwhite@ibm.net

---

## 251. Re: [BBSSIG:3984] Re: Country Codes

From: Hank Oredson <hank\_oredson@MENTORG.COM>  
Date: Sat, 23 Nov 1996 20:20:02 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124042002.00680718@em-wv03>  
Rendered body type: text/plain

>> At 12:57 PM 11/22/96 -0600, wgli wrote:

>> Quoting w0rli:

>> If anyone is interested in attempting a conversion of my forwarding list,  
>> send me a message at w0rli@w0rli.or.usa.noam and I will send it to you.  
>> If you can demonstrate that using grid squares makes life simpler, I'll use  
>> them.

>Hank Send a message to w1eo @ w1on.fn42jn.ma.usa.noam he has ur RLI  
>forwarding by grid square routine for 2yrs now...  
>  
>His name is DoC I believe you know him.

He has not volunteered to convert my forward file ... but if he does,  
I'll be glad to send it to him (or anyone else who volunteers).

Would you like to try and convert it?

-----  
Hank Oredson - Mentor Graphics - Library Products Group  
e\_mail: Hank\_oredson@mentorg.com  
Phone: (503) 685-1325 FAX: (503) 685-1599

---

## 252. Re: [BBSSIG:3986] Re: Country Codes

From: Hank Oredson <hank\_oredson@MENTORG.COM>  
Date: Sat, 23 Nov 1996 20:20:04 -0800  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124042004.00687b1c@em-wv03>  
Rendered body type: text/plain

At 09:39 PM 11/23/96 -0600, VK2AAB wrote:

> One advantage would be we could get rid of this #sa and sa nonsense.  
>Or perhaps that could be fixed by the BBS writers fixing the software  
>anyway.

Make a proposal ... then get all the sysops in the world to agree to it ...  
... no ... never mind ... cancel that ...

But heck, make a proposal anyway. There are at least 3 or 4 of the  
software authors reading this, perhaps we might do something.

----

Hank Oredson - Mentor Graphics - Library Products Group  
e\_mail: Hank\_oredson@mentorg.com  
Phone: (503) 685-1325 FAX: (503) 685-1599

---

## 253. Re: [BBSSIG:3969] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Sat, 23 Nov 1996 23:52:16 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124055216.006734cc@mail.trucom.com>  
Rendered body type: text/plain

At 03:10 PM 11/22/96 -0600, Hank wrote:

>At 02:30 PM 11/22/96 -0600, CLarke wrote:

>

>>I must be off my medication again... What does forcing a connect route  
>>through NetRom nodes have to do with GdSq forwarding??? Guess I missed  
>>the big point...

>

>

>Perhaps, but maybe it's just topic drift.

>The comment was made in response to "Let's fix things that are broke."

>Nothing to do with grid squares, just to do with "What's broke."

>

>I happen to agree: grid square forwarding has been a "Solution in  
>search of a problem" for several years now.

>

Just to expand a bit, my comment re NetROM route forcing was an analogy to  
the forcing of message routing with BBSs...

While it is true that some BBSs need to force routes (ie a forwarding  
partner to one direction has an HF gateway to another direction), it has  
been my experience that most BBSs should indeed forward a message in the  
direction it needs to go...

For example, in my case, I forward with three BBSs on VHF, one south, one  
north, and one west. For messages going north, south, and west, my best path  
is to forward to my partner in that direction. However, for messages bound  
for the east, my best route is to the north, \_BUT\_, going south will also work.

In other words, if we had an automated system that would, by default, send  
messages to the partner in the right direction, my system would work just  
fine for all but the east. I would need to "force" easterly messages to the  
north.

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

## 254. Re: [BBSSIG:3972] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Sat, 23 Nov 1996 23:52:18 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124055218.00675efc@mail.trucom.com>  
Rendered body type: text/plain

At 05:08 PM 11/22/96 -0600, Charles (N5PVL) wrote:

>  
>I think I know part of why the Grid-Square routing may seem so attractive..  
>  
>Witness the pro/con arguments over fine points of H-addr routing..  
>Standardization of it is pretty unlikely. Unfortunate, regrettable - but  
>true. Despite this, let's not lose sight of the fact that it still works  
>just fine.  
>  
>On the other hand, a Grid-Square is a Grid-Square.. Long established, not  
>likely to change, not as open to 'interpretation' as H-addressing. Go over  
>to Grid-square routing, and - Presto Chango! - We've got a standard.

Maybe, maybe not, Charles... See other definitions of standards in this discussion.

>It seems to me that many participants here are digging pretty deep to  
>rationalize their respective sides of the routing issue. For my part, I put  
>on my "hip waders" before reading postings on the routing issue, both here  
>and on the packet network.  
>  
>Sometimes "it" gets pretty deep! :-)

heh! Amen to that! And, to be fair, I am as guilty as anyone else...

The ones I love are the "We have done it this way for years, so it must be the right way to it" comments.

>I don't have any particular preference, as long as the messages continue to  
>get where they are intended to go. Grid-Square routing probably would work  
>no better or worse than the system (warts, arguments and all) that we  
>already use.. But adoption of it could cut down on the disagreements over  
>fine points of message routing - maybe.

As you say, maybe... I suspect that most SysOps and nearly all users could not care less, so long as the traffic gets through.

>By "adoption" of Grid-Square routing, I'm talking about an agreement among  
>packet BBS authors to hard-code it into ALL the software. There are just a  
>few BBS authors, so there's a chance there for organization and agreement.

I think this is the crux of the problem... We will likely never get even a majority agreement on anything from SysOps and Users. The authors, however, can agree. If the majority of authors agree to a particular way to do something (call it a standard if you like) then the SysOps and Users will follow along.

>There are thousands of BBS Sysops though, and the chances of agreement and  
>organization in that group are pretty small - Like zero.

This may very well be a negative number!

>73 DE Charles Brabham, N5PVL  
>Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
>WWW: <http://www.texoma.com/~n5pvl>

Take Care & 73

Marty Albert - [marty@trucom.com](mailto:marty@trucom.com)  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

---

## 255. Re: [BBSSIG:3977] Re: Country Codes

From: Marty Albert <marty@trucom.com>  
Date: Sat, 23 Nov 1996 23:52:21 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124055221.00671e48@mail.trucom.com>  
Rendered body type: text/plain

At 07:00 PM 11/22/96 -0600, Greg (WD5IVD) wrote:

>>I think I know part of why the Grid-Square routing may seem so attractive..  
>>

>

>I guess the question I ask is what about the users ?

A good question, but I doubt that it has much meaning...

>How attractive are Grid-Squares going to be to someone wanting to address  
>some mail to a friend. Sending wd5ivd@w05h.#dfw.tx.usa.noam seems to be  
>pretty simple -- maybe because it is been in use a long time. Changing  
>from H-routes to something else might be a better alternatives, but trying  
>to implement (as Hank points out) might make it un-tenable currently and in  
>the future. Trying to come to some understanding to H-routes might be  
>better.

The only reason it is comfortable, as you point out, is that it is what we  
have been using for many years now.

>Would I use the gridsquare of where my firends lives or the BBS he is using  
>? Issues like that ?

Most BBS programs now support some form of WP look up, so usually you would  
just enter SP <callsign> and let the WP figure out the rest. Who cares what  
gets added to make the message get through, so long as it gets through?

>I guess the question Barry Buelow and myself were asking, how do we really  
>try to promote an international standard ? A start was made on this last  
>once, but more needs to be done. Do you use recognized organizations ? Do  
>you use national groups ? What list of key poeple is needed or required to  
>allow the rest of the group to follow along for the most part ? It does  
>seem the software authors themself no longer have the 'status' to be able  
>to do it -- although you would think that would still be the case.

Again, another good question...

I would vote for an Amateur Standard... We will never get 100% agreement, so  
if we pretend to use some established standard, we may be misleading people  
into thinking that we could mesh perfectly with existing systems.

>Cheers - Greg, WD5IVD

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

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## 256. Re: [BBSSIG:3980] Grid Squares (was Country Codes)

From: Marty Albert <marty@trucom.com>  
Date: Sat, 23 Nov 1996 23:52:24 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124055224.0068cf78@mail.trucom.com>  
Rendered body type: text/plain

At 07:53 PM 11/22/96 -0600, Mike (WA6ZTY) wrote:

>Let me take a try at this. (shields to full power Scotty)

>

>Grid Squares provide a good indication of where someplace is.

Yep.

>H-Addr's tell you where someplace is AND a logical way to get there.

Yep and Nope.

>As many have already stated, just because the grid indicates that the  
>destination bbs is east of here doesn't mean that I can send that message to  
>any bbs that is east of me. If it is just a little east, fine, if it is 500  
>miles east then I send it west to my HF resource, if it on the east coast, I  
>send it south to my local satgate (except for a couple of areas that don't  
>seem to have RF access, I send them west to my local Inet gateway).

By the use of wildcards, it would work just like HA systems.

>If bbs code were written to calculate distance/bearing between your bbs and  
>the destination bbs, then tables could be written that took both factors  
>into account. These tables might remind you of the trig tables that used to  
>adorn the appendix of your math texts a few years ago. Political boundaries  
>would not be obvious without translating a polar coordinate into a map  
>location. Routing tables would no longer be intuitive.

Trig tables in books? Sheesh... You're as old as I am! :)

Actually, who cares about polictical boundries? Most routing is not now  
intuitive... I can send traffic for the east of me either north or south  
without problems (north just happens to be one hop faster, so I use that).

>Many regional forwarding systems were laid out in a hierarchial friendly  
>manner, with local/wide area hubs and trunks, how do you map polar  
>coordinates into such a system (or do you tear it down and rebuild it to be  
>polar friendly)?

The best bet, in my opinion, would be re-do all the routing tables.

>What part of Hierarchial addressing isn't working for us?

Basically, from my experience, there are some crazy routes being used that  
don't need to be used... For example, mail for me in Missouri from central  
Canada goes to New York, then to Denver, then to Alabama, then to Tennessee,  
then to me. Mail from me to Canada goes from me, to St. Louis, to Chicago,  
to Canada. All because of forced routes.

>Does Grid Square addressing offer us something we need?

In general, a way to allow BBS authors to hard code the majority of the  
routes based on relative position. This would send traffic in the general  
direction that it needs to go.

>-Mike-

Take Care & 73

Marty Albert - marty@trucom.com  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

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## 257. Grid Squares - My Position

From: Marty Albert <marty@trucom.com>  
Date: Sat, 23 Nov 1996 23:52:26 -0600  
To: bbssig@tapr.org  
Message-ID: <1.5.4.32.19961124055226.00683f2c@mail.trucom.com>  
Rendered body type: text/plain

Hello Folks:

Let me make a few comments about my position on the use of Grid Squares vs  
HA systems, just so no one misunderstands me and my comments...

First off, I am "casually" working on writting a PBBS. This is no secret. I  
am using this discussion to both get a feel for what other folks, especially  
SysOps and other BBS authors, are thinking and to give me a chance to get  
some of my own ideas and thoughts aired out a little.

Next, I am in no way saying that we should use GS, HA, or anything else. By  
and large, I am playing a little of the "Devil's Advocate" here... I have  
seen many comments with no basis at all, some based on mis-information, and  
some from those that clearly are just flame baiting.

Lastly, I think that this is only one area where we need to reach some sort of agreement... While we probably will never get even a majority agreement on anything by SysOps and Users, the PBBS authors should be able to reach some sort of agreement.

Bottom line is that if the software is set up to do things in a particular way, the SysOps and Users will, by needs, follow.

Trick is to set a "standard" that works now and will continue to work in the future.

Take Care & 73

Marty Albert - [marty@trucom.com](mailto:marty@trucom.com)  
Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

Heartland Internet Services

\*\*\*\*\*  
Interested in Amateur Radio?  
<http://www.trucom.com/ppages/marty>  
\*\*\*\*\*

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## 258. Re: [BBSSIG:3991] Re: Country Codes

From: "Charles Brabham" <[n5pvl@texoma.net](mailto:n5pvl@texoma.net)>  
Date: Sun, 24 Nov 1996 08:51:11 -0600  
To: <[bbssig@tapr.org](mailto:bbssig@tapr.org)>  
Message-ID: <199611241453.IAA00320@mail.texoma.net>  
Rendered body type: text/plain

According to Marty Albert...

> I would vote for an Amateur Standard... We will never get 100% agreement,  
so  
> if we pretend to use some established standard, we may be misleading  
people  
> into thinking that we could mesh perfectly with existing systems.

No doubt! I would vote the same way. The "Namibia/NA/NOAM" controversy stems directly from an ill-conceived attempt to make amateur packet radio message routing compatible with Internet routing conventions. - A bad idea which has brought us nothing but grief. In theory it sounds reasonable, but in the real world it has mainly served to divide the amateur community, spawning countless arguments, ill-feeling and the inevitable confusion you mentioned.

It eventually led to confusion among many hams as to whether hams should use radios or the Internet to move amateur packet radio traffic. - And this in turn has led to actual damage to the amateur radio digital net, replacing RF links with telephone links on a wholesale basis. - Duh!

An Amateur Standard would remove several "millstones" from around the neck of amateur packet radio. In this respect, GS routing looks very attractive when compared to HA routing, as it is harder to confuse with something else.

If it can go wrong, it will.

---

## 259. Re: [BBSSIG:3991] Re: Country Codes

From: "Clarke L. Diekmann" <[diekmann@crl.com](mailto:diekmann@crl.com)>  
Date: Sun, 24 Nov 1996 07:27:06 -0800 (PST)  
To: [bbssig@tapr.org](mailto:bbssig@tapr.org)  
Message-ID: <Pine.SUN.3.91.961124070717.10486B-100000@crl2.crl.com>  
Rendered body type: text/plain

Ye gads.... Some people take things too literal... Whoever said you had to forward mail for locations East of your QTH to a BBS who is located EAST of your station??? The point is that HA addressing has nothing to offer over GS addressing except that it is the entrenched system and our current BBS software is written to use that defacto standard.

BBS software COULD be revised to scan the gridsquare field in an @<bbscall>.<gridsquare> from left to right versus the right to left scanning we are used to with HA parsing.

I'm not going to take on the task of rewriting somebody elses forward



file just to prove/disprove it is possible. I ask THEM to try it themselves and tell the rest of us ignorant/naive pseudo-believers exactly the situation that can be handled by an HA system that a GS system cannot handle. I'm willing to learn of the pitfalls or shortcomings but nobody has every explained any that would hold water.

All BBS software worth it's salt maintains an internal WhitePages database so a user does not have to remember/research the gridsquare if he knows the addressee's callsign and the addressee is in the WP data - no difference than today's imbedded HA system...

Clarke

---

## 260. PBBS Address Proposal

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Sun, 24 Nov 1996 11:18:17 -0700  
To: bbssig@tapr.org  
Message-ID: <199611241818.LAA26600@acca.nmsu.edu>  
Rendered body type: text/plain

Ham Packet Radio Forward Address

### BACKGROUND:

There is a current if embattled packet bbs standard for the "reading" of the address. It goes like this:

call.local symbols.internal boundries.country.continent

Call: This is the call sign of the bbs, up to 6 characters

Local symbols: Anything a city or state wants to use for  
LOCAL routing 6 characters.

Internal boundries: We use the state code from the US Post Office. Need someting similar from other countries, up to 6 characters.

Country: Use the country code defined by ISO and made available to us by Brian Jones G8AS0, 3 characters.

Continent: This is causing a lot of contrivency and it is not worth the trouble, up to 4 characters.

I have a lot of current in-use address data in my White Pages data base. Here is a sample. I will send the entire data base to anyone who wants it. But here is what I copied for the readers consideration:

|                                |           |
|--------------------------------|-----------|
| 4F8NTC.EVIS.PHL.OC             | 847213517 |
| 9A0BBS.HRV.EU                  | 847404798 |
| 9A0YSI.#SBK.HRV.EU             | 847258831 |
| 9H1MRL.SLM.MLT.EU              | 848838028 |
| IK2JYT.ILOM.ITA.EU             | 847394228 |
| IK2QCA.ILOM.ITA.EU             | 848131437 |
| IK2UUB.ILOM.ITA.EU             | 847394227 |
| IK4ICZ.#RA.IEMR.ITA.EU         | 848144116 |
| K1UOL.CT.USA.NA                | 848787910 |
| K2AA.#SNJ.NJ.USA.NA            | 848503817 |
| K2ADJ.#SNJ.NJ.USA.NA           | 848752141 |
| K2KJC.#NYC.NY.USA.NOAM         | 848651443 |
| K2UL.#SNJ.NJ.USA.NA            | 848752141 |
| K2ZM.#ENY.NY.USA.NA            | 848522129 |
| K5DI.CRUCES.NM.USA.NOAM        | 848823352 |
| K5WPH.NM.USA.NOAM              | 848780605 |
| K6CPT.#LACCA.#SOCA.CA.USA.NOAM | 848031118 |
| KA2JXI.#NNY.NY.USA.NA          | 848821985 |
| KA2MSL.FN21XM.NY.USA.NA        | 848821793 |
| KC7KFE.#SALEM.OR.USA.NOAM      | 848839345 |
| KC7RJJ.#LBY.#NWM.MT.USA.NA     | 848031122 |

Please note that Gridsquares are used in 2 land as Local symbols and I propose that this be the option of local bbs sysops. If Gridsquares are for you, and they are easy to get if your running FBB, then use them as a Local symbol.

Here is something that will happen in the future as it happens now. K5WPH (6th from the bottom) is a bbs in El Paso, TX.

But it has an address nm.usa.noam because mail for El Paso all comes from NM (me) and if they use tx.usa.noam the mail dies in Dallas...:-)

#### PROPOSAL:

I propose that the new "standard" include every current address as used today, plus some added/changed by using the ISO standard country list, and an improved and replaced Continent portion.

This is the country list that everyone should use:

Codes from ISO 3166

Updated by the RIPE Network Coordination Centre, in coordination with the ISO 3166 Maintenance Agency, Berlin

| Country                        | A 2 | A 3 | Number |
|--------------------------------|-----|-----|--------|
| Afghanistan                    | AF  | AFG | 004    |
| Albania                        | AL  | ALB | 008    |
| Algeria                        | DZ  | DZA | 012    |
| American Samoa                 | AS  | ASM | 016    |
| Andorra                        | AD  | AND | 020    |
| Angola                         | AO  | AGO | 024    |
| Anguilla                       | AI  | AIA | 660    |
| Antarctica                     | AQ  | ATA | 010    |
| Antigua and Barbuda            | AG  | ATG | 028    |
| Argentina                      | AR  | ARG | 032    |
| Armenia                        | AM  | ARM | 051    |
| Aruba                          | AW  | ABW | 533    |
| Australia                      | AU  | AUS | 036    |
| Austria                        | AT  | AUT | 040    |
| Azerbaijan                     | AZ  | AZE | 031    |
| Bahamas                        | BS  | BHS | 044    |
| Bahrain                        | BH  | BHR | 048    |
| Bangladesh                     | BD  | BGD | 050    |
| Barbados                       | BB  | BRB | 052    |
| Belarus                        | BY  | BLR | 112    |
| Belgium                        | BE  | BEL | 056    |
| Belize                         | BZ  | BLZ | 084    |
| Benin                          | BJ  | BEN | 204    |
| Belarus                        | BY  | BLR | 112    |
| Bermuda                        | BM  | BMU | 060    |
| Bhutan                         | BT  | BTN | 064    |
| Bolivia                        | BO  | BOL | 068    |
| Bosnia Herzegovina             | BA  | BIH | 070    |
| Botswana                       | BW  | BWA | 072    |
| Bouvet Island                  | BV  | BVT | 074    |
| Brazil                         | BR  | BRA | 076    |
| British Indian Ocean Territory | IO  | IOT | 086    |
| Brunei Darussalam              | BN  | BRN | 096    |
| Bulgaria                       | BG  | BGR | 100    |
| Burkina Faso                   | BF  | BFA | 854    |
| Burundi                        | BI  | BDI | 108    |
| Cambodia                       | KH  | KHM | 116    |
| Cameroon                       | CM  | CMR | 120    |
| Canada                         | CA  | CAN | 124    |
| Cape Verde                     | CV  | CPV | 132    |
| Cayman Islands                 | KY  | CYM | 136    |
| Central African Republic       | CF  | CAF | 140    |
| Chad                           | TD  | TCD | 148    |
| Chile                          | CL  | CHL | 152    |
| China                          | CN  | CHN | 156    |
| Christmas Island               | CX  | CXR | 162    |
| Cocos (Keeling) Islands        | CC  | CCK | 166    |
| Colombia                       | CO  | COL | 170    |
| Comoros                        | KM  | COM | 174    |
| Congo                          | CG  | COG | 178    |
| Cook Islands                   | CK  | COK | 184    |
| Costa Rica                     | CR  | CRI | 188    |
| Cote d'Ivoire                  | CI  | CIV | 384    |
| Croatia (local name: Hrvatska) | HR  | HRV | 191    |
| Cuba                           | CU  | CUB | 192    |
| Cyprus                         | CY  | CYP | 196    |
| Czech Republic                 | CZ  | CZE | 203    |
| Denmark                        | DK  | DNK | 208    |

|                                        |    |     |     |
|----------------------------------------|----|-----|-----|
| Djibouti                               | DJ | DJI | 262 |
| Dominica                               | DM | DMA | 212 |
| Dominican Republic                     | DO | DOM | 214 |
| East Timor                             | TP | TMP | 626 |
| Ecuador                                | EC | ECU | 218 |
| Egypt                                  | EG | EGY | 818 |
| El Salvador                            | SV | SLV | 222 |
| Equatorial Guinea                      | GQ | GNQ | 226 |
| Estonia                                | EE | EST | 233 |
| Ethiopia                               | ET | ETH | 230 |
| Falkland Islands (Malvinas)            | FK | FLK | 238 |
| Faroe Islands                          | FO | FRO | 234 |
| Fiji                                   | FJ | FJI | 242 |
| Finland                                | FI | FIN | 246 |
| France                                 | FR | FRA | 250 |
| France, Metropolitan                   | FX | FXX | 249 |
| French Guiana                          | GF | GUF | 254 |
| French Polynesia                       | PF | PYF | 258 |
| French Southern Territories            | TF | ATF | 260 |
| Gabon                                  | GA | GAB | 266 |
| Gambia                                 | GM | GMB | 270 |
| Georgia                                | GE | GEO | 268 |
| Germany                                | DE | DEU | 276 |
| Ghana                                  | GH | GHA | 288 |
| Gibraltar                              | GI | GIB | 292 |
| Greece                                 | GR | GRC | 300 |
| Greenland                              | GL | GRL | 304 |
| Grenada                                | GD | GRD | 308 |
| Guadeloupe                             | GP | GLP | 312 |
| Guam                                   | GU | GUM | 316 |
| Guatemala                              | GT | GTM | 320 |
| Guinea                                 | GN | GIN | 324 |
| Guinea-Bissau                          | GW | GNB | 624 |
| Guyana                                 | GY | GUY | 328 |
| Haiti                                  | HT | HTI | 332 |
| Heard and McDonald Islands             | HM | HMD | 334 |
| Honduras                               | HN | HND | 340 |
| Hong Kong                              | HK | HKG | 344 |
| Hungary                                | HU | HUN | 348 |
| Iceland                                | IS | ISL | 352 |
| India                                  | IN | IND | 356 |
| Indonesia                              | ID | IDN | 360 |
| Iran (Islamic Republic of)             | IR | IRN | 364 |
| Iraq                                   | IQ | IRQ | 368 |
| Ireland                                | IE | IRL | 372 |
| Israel                                 | IL | ISR | 376 |
| Italy                                  | IT | ITA | 380 |
| Jamaica                                | JM | JAM | 388 |
| Japan                                  | JP | JPN | 392 |
| Jordan                                 | JO | JOR | 400 |
| Kazakhstan                             | KZ | KAZ | 398 |
| Kenya                                  | KE | KEN | 404 |
| Kiribati                               | KI | KIR | 296 |
| Korea, Democratic People's Republic of | KP | PRK | 408 |
| Korea, Republic of                     | KR | KOR | 410 |
| Kuwait                                 | KW | KWT | 414 |
| Kyrgyzstan                             | KG | KGZ | 417 |
| Lao People's Democratic Republic       | LA | LAO | 418 |
| Latvia                                 | LV | LVA | 428 |
| Lebanon                                | LB | LBN | 422 |
| Lesotho                                | LS | LSO | 426 |
| Liberia                                | LR | LBR | 430 |
| Libyan Arab Jamahiriya                 | LY | LBY | 434 |
| Liechtenstein                          | LI | LIE | 438 |
| Lithuania                              | LT | LTU | 440 |
| Luxembourg                             | LU | LUX | 442 |
| Macau                                  | MO | MAC | 446 |
| Madagascar                             | MG | MDG | 450 |
| Malawi                                 | MW | MWI | 454 |
| Malaysia                               | MY | MYS | 458 |
| Maldives                               | MV | MDV | 462 |
| Mali                                   | ML | MLI | 466 |
| Malta                                  | MT | MLT | 470 |
| Marshall Islands                       | MH | MHL | 584 |
| Martinique                             | MQ | MTQ | 474 |
| Mauritania                             | MR | MRT | 478 |
| Mauritius                              | MU | MUS | 480 |
| Mayotte                                | YT | MYT | 175 |
| Mexico                                 | MX | MEX | 484 |

|                                  |    |     |     |
|----------------------------------|----|-----|-----|
| Micronesia                       | FM | FSM | 583 |
| Moldova, Republic of             | MD | MDA | 498 |
| Monaco                           | MC | MCO | 492 |
| Mongolia                         | MN | MNG | 496 |
| Montserrat                       | MS | MSR | 500 |
| Morocco                          | MA | MAR | 504 |
| Mozambique                       | MZ | MOZ | 508 |
| Myanmar                          | MM | MMR | 104 |
| Namibia                          | NA | NAM | 516 |
| Nauru                            | NR | NRU | 520 |
| Nepal                            | NP | NPL | 524 |
| Netherlands                      | NL | NLD | 528 |
| Netherlands Antilles             | AN | ANT | 530 |
| New Caledonia                    | NC | NCL | 540 |
| New Zealand                      | NZ | NZL | 554 |
| Nicaragua                        | NI | NIC | 558 |
| Niger                            | NE | NER | 562 |
| Nigeria                          | NG | NGA | 566 |
| Niue                             | NU | NIU | 570 |
| Norfolk Island                   | NF | NFK | 574 |
| Northern Mariana Islands         | MP | MNP | 580 |
| Norway                           | NO | NOR | 578 |
| Oman                             | OM | OMN | 512 |
| Pakistan                         | PK | PAK | 586 |
| Palau                            | PW | PLW | 585 |
| Panama                           | PA | PAN | 591 |
| Papua New Guinea                 | PG | PNG | 598 |
| Paraguay                         | PY | PRY | 600 |
| Peru                             | PE | PER | 604 |
| Philippines                      | PH | PHL | 608 |
| Pitcairn                         | PN | PCN | 612 |
| Poland                           | PL | POL | 616 |
| Portugal                         | PT | PRT | 620 |
| Puerto Rico                      | PR | PRI | 630 |
| Qatar                            | QA | QAT | 634 |
| Reunion                          | RE | REU | 638 |
| Romania                          | RO | ROM | 642 |
| Russian Federation               | RU | RUS | 643 |
| Rwanda                           | RW | RWA | 646 |
| Saint Kitts and Nevis            | KN | KNA | 659 |
| Saint Lucia                      | LC | LCA | 662 |
| Saint Vincent and the Grenadines | VC | VCT | 670 |
| Samoa                            | WS | WSM | 882 |
| San Marino                       | SM | SMR | 674 |
| Sao Tome and Principe            | ST | STP | 678 |
| Saudi Arabia                     | SA | SAU | 682 |
| Senegal                          | SN | SEN | 686 |
| Seychelles                       | SC | SYC | 690 |
| Sierra Leone                     | SL | SLE | 694 |
| Singapore                        | SG | SGP | 702 |
| Slovakia (Slovak Republic)       | SK | SVK | 703 |
| Slovenia                         | SI | SVN | 705 |
| Solomon islands                  | SB | SLB | 090 |
| Somalia                          | SO | SOM | 706 |
| South Africa                     | ZA | ZAF | 710 |
| Spain                            | ES | ESP | 724 |
| Sri Lanka                        | LK | LKA | 144 |
| St. Helena                       | SH | SHN | 654 |
| St. Pierre and Miquelon          | PM | SPM | 666 |
| Sudan                            | SD | SDN | 736 |
| Suriname                         | SR | SUR | 740 |
| Svalbard and Jan Mayen Islands   | SJ | SJM | 744 |
| Swaziland                        | SZ | SWZ | 748 |
| Sweden                           | SE | SWE | 752 |
| Switzerland                      | CH | CHE | 756 |
| Syrian Arab Republic             | SY | SYR | 760 |
| Taiwan, Province of China        | TW | TWN | 158 |
| Tajikistan                       | TJ | TJK | 762 |
| Tanzania, United Republic of     | TZ | TZA | 834 |
| Thailand                         | TH | THA | 764 |
| Togo                             | TG | TGO | 768 |
| Tokelau                          | TK | TKL | 772 |
| Tonga                            | TO | TON | 776 |
| Trinidad and Tobago              | TT | TTO | 780 |
| Tunisia                          | TN | TUN | 788 |
| Turkey                           | TR | TUR | 792 |
| Turkmenistan                     | TM | TKM | 795 |
| Turks and Caicos Islands         | TC | TCA | 796 |
| Tuvalu                           | TV | TUV | 798 |

|                                      |    |     |     |
|--------------------------------------|----|-----|-----|
| Uganda                               | UG | UGA | 800 |
| Ukrainian                            | UA | UKR | 804 |
| United Arab Emirates                 | AE | ARE | 784 |
| United Kingdom                       | GB | GBR | 826 |
| United States                        | US | USA | 840 |
| United States Minor Outlying Islands | UM | UMI | 581 |
| Uruguay                              | UY | URY | 858 |
| Uzbekistan                           | UZ | UZB | 860 |
| Vanuatu                              | VU | VUT | 548 |
| Vatican City State (Holy See)        | VA | VAT | 336 |
| Venezuela                            | VE | VEN | 862 |
| Viet Nam                             | VN | VNM | 704 |
| Virgin Islands (British)             | VG | VGB | 092 |
| Virgin Islands (U.S.)                | VI | VIR | 850 |
| Wallis and Futuna islands            | WF | WLF | 876 |
| Western Sahara                       | EH | ESH | 732 |
| Yemen                                | YE | YEM | 887 |
| Yugoslavia                           | YU | YUG | 891 |
| Zaire                                | ZR | ZAR | 180 |
| Zambia                               | ZM | ZMB | 894 |
| Zimbabwe                             | ZW | ZWE | 716 |

Now for the old Continent list. The new ROUTE list will include those now in use which include EU and EURO and NA and NAOM plus a lot of others now in use and some new ones designed to work better than the older ones. This is not yet complete and I will require help with getting the existing list complete.

#### SUMMARY:

We have defined a standard for the Call, Local Symbol, country and ROUTE portions of the packet radio address. We know how to get the Internal Boundaries data, but it need not be part of the standard. But its size is limited to 6 characters.

I will not spell check this since it is too much work. Sure hope this stops all the messages about using gridsquares and other messages that contain no actual data or knowledge to further the task at hand.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

## 261. Re: [BBSSIG:3994] Re: Country Codes

From: Edward Sadowski <edsadow@ids.net>  
Date: Sun, 24 Nov 1996 14:13:26 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961124141327.1cdf9022@mail.ids.net>  
Rendered body type: text/plain

At 08:58 AM 11/24/96 -0600, you wrote:

>According to Marty Albert...

>

>

>> I would vote for an Amateur Standard... We will never get 100% agreement,  
>so

>> if we pretend to use some established standard, we may be misleading  
>people

>> into thinking that we could mesh perfectly with existing systems.

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>No doubt! I would vote the same way. The "Namibia/NA/NOAM" controversy  
>stems directly from an ill-conceived attempt to make amateur packet radio  
>message routing compatible with Internet routing conventions. - A bad idea  
>which has brought us nothing but grief.

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>

>It eventually led to confusion among many hams as to whether hams should  
>use radios or the Internet to move amateur packet radio traffic. - And this  
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>replacing RF links with telephone links on a wholesale basis. - Duh!

>

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>of amateur packet radio. In this respect, GS routing looks very attractive  
>when compared to HA routing, as it is harder to confuse with something

>else.  
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>  
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>  
>  
>  
>  
Gosh, it seems that I've heard this before <G> on this list. You, and others before you (Hank, etc.), have pointed out what is the critical issue: r.f. vs. landline environments. Apparently, what some (many?) want is the best of both worlds, and I don't know if that really is practical. You know, apples and oranges, etc. We can't have our cake and eat it. There may be some instances where landline connections are an absolute must, but I wonder if they may be the exception rather the rule. I could give a rat's behind which format we use, just so long as everybody is on the same page of music. The software I use (AA4RE) can convert EU to EURO or NA to NOAM and vice versa simply by adding a statement to the action file. I need do nothing else. Yes, let's develop an AMATEUR standard with which all of us can live and move on.

Ed, W1BF

---

## 262. Re: Country Codes

From: Dirk-Jan Koopman <djk@tobit.co.uk>  
Date: Sun, 24 Nov 1996 22:57:43 +0000 (GMT)  
To: bbssig@tapr.org  
Message-ID: <Pine.LNX.3.93.961124223739.21735E-100000@dirku.tobit.co.uk>  
Rendered body type: text/plain

I hate to stick my toe in the water AGAIN so soon after the last time this came up and especially as I will cause ructions with the predominately US readership of this list. But anyway...

<flame on>

The ONLY reason this debate is occuring is because ISO have had the lack of foresight to allocate NA to Namibia AND certain BBSs (in the US) have had forwarding files (as far as I can see) wrongly sending stuff obviously destined for North America to Namibia.

IF this was occurring ANYWHERE ELSE but in the US else you would not be having this debate, you would be saying 'we have a perfectly workable system, all you have to do is implement it correctly'. You would say: the last part of a H-Addr is the continent designator (and add) it doesn't matter a tinkers cuss whether it happens to be the same as a country designator because that will not appear at the end of an address - it is no good saying 'oh people will only put a partial address on' because we all know that if 'people' do this (whatever system you use) you will have ambiguities and thus wrong routing, and anyway with modern WP address completion it either doesn't happen or is irrelevant.

Whilst I am on it also doesn't matter a damn whether you use a two letter or a four letter continent for your BBS. Here in Norfolk (England) most BBSs use .EU GB7LDI uses .EURO - so what? All that is required is that other BBS respect the choice that is made and forward it on (correctly) UNTOUCHED!

I move next (new) business.

<flame off>

--  
Dirk-Jan Koopman           Tel/Fax: +44 1362 696076 Mobile: +44 973 333806  
Computer Consultant       Email: djk@tobit.co.uk or G1TLH@GB7TLH.#35.GBR.EU  
"The typewriting machine, when played with expression, is no more annoying than the piano when played by a sister or near relation." --Oscar Wilde

---

## 263. Re: [BBSSIG:3998] Re: Country Codes

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Sun, 24 Nov 1996 19:39:48 -0600  
To: <bbssig@tapr.org>  
Message-ID: <199611250143.TAA08655@mail.texoma.net>  
Rendered body type: text/plain

According to Dirk-Jan Koopman

>

> Whilst I am on it also doesn't matter a damn whether you use a two letter  
> or a four letter continent for your BBS. Here in Norfolk (England) most  
> BBSs use .EU GB7LDI uses .EURO - so what? All that is required is that  
> other BBS respect the choice that is made and forward it on (correctly)  
> UNTOUCHED!  
>

I think Dirk-Jan made an important point here.

He says the H-address should move on untouched, which of course doesn't happen since it's so easy to change them around. If somebody can change them, especially in an automated fashion, they will. Count on it.

I wonder if it shouldn't be so easy to change them? What would we be giving up?

---

## 264. Re: Country Codes

From: Joachim Schurig <jschurig@zedat.fu-berlin.de>  
Date: Mon, 25 Nov 1996 04:38:21 +0100  
To: bbssig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <103010600aebeb97c6180@[160.45.235.156]>  
Rendered body type: text/plain  
  
At 22:21 Uhr -0600 23.11.1996, Hank Oredson wrote:  
>At 09:39 PM 11/23/96 -0600, VK2AAB wrote:  
>  
>> One advantage would be we could get rid of this #sa and sa nonsense.  
>>Or perhaps that could be fixed by the BBS writers fixing the software  
>>anyway.  
>  
>Make a proposal ... then get all the sysops in the world to agree to it ...  
>.. no ... never mind ... cancel that ...  
>  
>But heck, make a proposal anyway. There are at least 3 or 4 of the  
>software authors reading this, perhaps we might do something.  
>  
>  
>-----  
>Hank Oredson - Mentor Graphics - Library Products Group  
>e\_mail: Hank\_oredson@mentorg.com  
>Phone: (503) 685-1325 FAX: (503) 685-1599

Yes, there are three or four of us ;) (but not more I believe)

Grid Square forwarding is not operational due to the reasons pointed out by hank and brian jones, g8aso. No software I know has a problem handling grid square routing (aside of automatic direction assignment), but that algorithm will not match real worlds routing conditions (as was stated by many contributors on this list). I will not add more examples why it will not work.

The EU / EURO - stuff is no question at all for bbs authors. I personally am convinced of the four letter continent designators proposed by tapr, believe anyone else without ideological precautions will be, too.

But when proposing this to the german sysops a year ago I only earned laughter and/or dumbness.

Hard coding in the bbs source is no solution. I did not wrote my bbs code for one specific routing world. No one other would do so, ask them. What should we do if in three years you decide to change routing to martian coordinates?

As actually we have no problems with .EU, I am not willing to make a religious war out of it. The bbs' I am supporting will bear .EU in its header as long as no national decision was kept on this item. And believe me, there will never come a national decision on that.

I regret that.

73 Joachim

-----  
Joachim Schurig, EMAIL: jschurig@zedat.fu-berlin.de  
DL8HBS WWW: http://userpage.fu-berlin.de/~jschurig/  
HamRadio: DL8HBS @ DB0GR.#BLN.DEU.EU  
-----

## 265. Re: [BBSSIG:3998] Re: Country Codes

From: Edward Sadowski <edsadow@ids.net>  
Date: Mon, 25 Nov 1996 00:28:46 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <1.5.4.16.19961125002852.1bbf47d0@mail.ids.net>  
Rendered body type: text/plain

At 06:17 PM 11/24/96 -0600, you wrote:

>I hate to stick my toe in the water AGAIN so soon after the last time  
>this came up and especially as I will cause ructions with the  
>predominately US readership of this list. But anyway...

>  
><flame on>  
>

>The ONLY reason this debate is occuring is because ISO have had the lack  
>of foresight to allocate NA to Namibia AND certain BBSs (in the US) have  
>had forwarding files (as far as I can see) wrongly sending stuff obviously  
>destined for North America to Namibia.

>  
>IF this was occurring ANYWHERE ELSE but in the US else you would not be  
>having this debate, you would be saying 'we have a perfectly workable  
>system, all you have to do is implement it correctly'. You would say: the  
>last part of a H-Addr is the continent designator (and add) it doesn't  
>matter a tinkers cuss whether it happens to be the same as a country  
>designator because that will not appear at the end of an address - it is  
>no good saying 'oh people will only put a partial address on' because we  
>all know that if 'people' do this (whatever system you use) you will have  
>ambiguities and thus wrong routing, and anyway with modern WP address  
>completion it either doesn't happen or is irrelevant.

>  
>Whilst I am on it also doesn't matter a damn whether you use a two letter  
>or a four letter continent for your BBS. Here in Norfolk (England) most  
>BBSs use .EU GB7LDI uses .EURO - so what? All that is required is that  
>other BBS respect the choice that is made and forward it on (correctly)  
>UNTOUCHED!

>  
>I move next (new) business.

>  
><flame off>  
>

>---  
>Dirk-Jan Koopman Tel/Fax: +44 1362 696076 Mobile: +44 973 333806  
>Computer Consultant Email: djk@tobit.co.uk or G1TLH@GB7TLH.#35.GBR.EU  
>"The typewriting machine, when played with expression, is no more annoying than  
>the piano when played by a sister or near relation." --Oscar Wilde

>  
>  
>  
To that I add, "AMEN!"

---

## 266. Re: [BBSSIG:4001] Re: Country Codes

From: Roy <garlic@garlic.com>  
Date: Sun, 24 Nov 1996 22:12:30 -0800  
To: bbssig@tapr.org  
Message-ID: <329938CE.14D3@garlic.com>  
Rendered body type: text/plain

>The ONLY reason this debate is occurring is because ISO have had the lack  
>of foresight to allocate NA to Namibia AND certain BBSs (in the US) have  
>had forwarding files (as far as I can see) wrongly sending stuff obviously  
>destined for North America to Namibia.

Statements like this are both wrong and inflammatory. Obviously, the  
author  
is uninformed or has blinders on.

The problem is not that trivial nor is it only applicable to the US.

Roy

---

## 267. F6FBB Pages: FBB BBS Development

From: Richard Saue <Richard.Saue@jur.uib.no>  
Date: Mon, 25 Nov 1996 10:09:58 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <Pine.GS0.3.95.961125100129.1815A-100000@golf.uib.no>  
Rendered body type: text/plain

Hi !

Be advised that F6FBB has his own webpage dedicated to F6FBB development,



<http://www.f6fbb.org>

There you will find information about development status of FBB  
DOS/Win/Linux versions, expected releasetime, information about FBB  
forward protocole etc...

New release 7.01 for all three operating systems is du to release end  
96...

---

73 de Richard - LA4SGA

## 268. Re: [BBSSIG:4003] F6FBB Pages: FBB BBS Development

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Mon, 25 Nov 1996 05:44:07 -0700  
To: bbssig@tapr.org  
Message-ID: <199611251244.FAA21095@acca.nmsu.edu>  
Rendered body type: text/plain

At 03:15 AM 11/25/96 -0600, you wrote:  
>Hi !  
>Be adviced that F6FBB has his own webpage dedicated to F6FBB development,  
>  
> <http://www.f6fbb.org>  
>  
>There you will find information about development status of FBB  
>DOS/Win/Linux versions, expected releasetime, information about FBB  
>forward protocole etc...  
>  
>New release 7.01 for all three operating systems is du to release end  
>96...  
>  
>  
>73 de Richard - LA4SGA  
>

Thanks Richard I will make a bookmark for FBB...:-)

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 269. Grid Square vs HA Etc.

From: "Ralph T. Stetson, III KD1R" <rstetson@crossnet.org>  
Date: Mon, 25 Nov 96 10:16:23 -0400  
To: "bbssig@tapr.org" <bbssig@tapr.org>  
Message-ID: <199611251514.HAA19317@mail1.hlc.net>  
Rendered body type: text/plain

-- [ From: Ralph T. Stetson, III KD1R \* EMC.Ver #2.5.02 ] --

Shields To Maximum Strength Scotty....

Like many others who are seldom heard from I have been less then amused by  
the rather narrow view points expressed to date. Especially concerning how  
BBS forwarding really works at the most basic level.

I as the local SYSOP decide where my mail is routed too. In conjunction  
with agreements with my forwarding partners....I then construct my  
forwarding tables accordingly....The HA or Grid Squares will then go out  
according to where. I tell them, and if the direction is unknown then it  
sits here until I look at it....WP is great if you get the service...  
Unfortunately around here is it mostly a one way service except for one BBS  
100 miles away I do not see any WP reports coming back my way, yet I send  
them out every other day.....Opps I am wandering off task here sorry..)

At present there is a hybrid HA/Grid Square routing that takes place very  
effectively for those systems that recognize it. Yes, it does use two more  
bytes then it really needs too but it is taking advantage of an existing  
system in current use.

Should the Software writers agree on implementing the GRID Square concept  
universally. There will still be a delay of several months to year before  
it will be universally utilized.

Of the many addressing schemes I have seen over the years. Grid Squares

does have the most merit for helping to route to a geographic location. Yet it is damned in that not everyone has equal access to the maps outlining these locations....Not a big deal really....Instead of routing to NY or NJ or NV I just use the appropriate GS to get it there from my BBS to the next one...

Come on folks we are dealing with apples and apples here....

Let us stop confusing the issue with intransigence and stubbornness, instead approach the issues more disturbing to our Radio Digital System....

We need to take a really hard look at who is causing the problems by re-entering messages that are truly archaic. To re-writing BIDs of all sorts as well as using systems that are not in the best interest of the network... This include user education as well as SYSOP education in how to honor a messages intent and not redirect it out of an area with out the authors permission....A really big problem with for sale messages.....The list is long and tarnished in the abuse that we as SYSOPS allow to take place daily. ..It is time to sit down and take ownership of our progeny.....

After all we would not put up with the tantrums of child were it ours to correct. Why should we allow the mess to perpetuate and manifest itself to the current level....If you cannot accept that then please reconsider your BBS sponsorship and get involved with Network Development instead....We need folks to take advantage of new technologies and get the Amateur Radio system back in the Forefront of innovation....Not Carping about what might be, or was....

I Want to thank you for reading this and look forward to hearing from you all..

Ralph Stetson, KD1R KD1R@KD1R.#NWVT.VT.USA.NOAM KD1R>KD1R (DXCLUSTER)

--

Duct tape is like the Force.  
It has a Light Side, a Dark Side,  
and it holds the universe together.  
- Carl Zwanzig -

---

## 270. RE: [BBSSIG:4004] Re: F6FBB Pages: FBB BBS Development

From: mespino@gan.com.mx (Ing. Magda Espino)  
Date: Mon, 25 Nov 1996 18:21:53 -0600  
To: "'bbssig@tapr.org'" <bbssig@tapr.org>  
Message-ID: <01BBDB02.55E66280@mespino.gan.com.mx>  
Rendered body type: text/plain

-----

Desde: Karl F. Larsen[SMTP:k5di@acca.nmsu.edu]  
Enviado el: Lunes 25 de Noviembre de 1996 9:38 AM  
Para: bbssig@tapr.org  
Asunto: [BBSSIG:4004] Re: F6FBB Pages: FBB BBS Development

At 03:15 AM 11/25/96 -0600, you wrote:  
>Hi !  
>Be adviced that F6FBB has his own webpage dedicated to F6FBB development,  
>  
> <http://www.f6fbb.org>  
>  
>There you will find information about development status of FBB  
>DOS/Win/Linux versions, expected releasetime, information about FBB  
>forward protocole etc...  
>  
>New release 7.01 for all three operating systems is du to release end  
>96...  
>  
>  
>73 de Richard - LA4SGA  
>

Thanks Richard I will make a bookmark for FBB...:-)

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

Thanks for the info,  
73 de Homero xe2kk  
xe2kk@amsat.org  
mespino@gan.com.mx [ wife email :) ]

## 271. Re: [BBSSIG:3978] Re: Country Codes

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Tue, 26 Nov 96 23:56:00 est  
To: bbssig@tapr.org  
Message-ID: <199611261325.XAA10171@dove.mtx.net.au>  
Rendered body type: text/plain

On Fri, 22 Nov 1996 19:42:39 -0600 (CST) you wrote:

>On Fri, 22 Nov 1996, Hank Oredson wrote:  
>  
>> I happen to agree: grid square forwarding has been a "Solution in  
>> search of a problem" for several years now.  
>  
>I guess my forward file must be a lot simpler than most others. It seems  
>to me that if you can do something with hierarchical addresses you can do  
>it with gridsquares and wildcards.  
>  
>Clarke  
>

As has been already stated by someone else, hierarchical addresses point not just to the location of the BBS but to the logical (or in some cases only practical) route for mail to take to get there. One example from this side of the world...

VK5SR BBS in Mt Gambier, Sth Australia. If we were going by its location, its hierachical address would be (and used to be) something like VK5SR.#MTG.#SA.AUS.OC. Pretty simple, except for one thing. All other VK5 BBS's use the \*.#SA.AUS.OC h-address (for instance, VK5TTY.#ADL.#SA.AUS.OC). The problem exists when stations route all VK5 mail in one direction (via the HF gateway in VK2 to one of VK5's HF gateways and thence to VK5WI because there \*is\* no route from any other VK5 BBS to VK5SR due to geographical constraints.

The only route to VK5SR is via VK3, which is why VK5SR uses VK5SR.#WEV.VIC.AUS.OC (for Victoria or VK3 instead of VK5 for South Australia), to tell the BBS sysops that it goes in a different direction to all other VK5 mail.

That's probably as clear as mud in a blackout, but it serves to paint the picture. Now, how can grid square routing help that? People will still stuff up forwarding files. Grid square routing will make debugging stuff-ups a lot harder. At least with the current h-address scheme it is fairly obvious which way mail is supposed to go, even if you're not 100% sure of the location of the station in question.

Cheers,  
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | aound???!?!
=====
```

## 272. Re: [BBSSIG:3983] Re: Country Codes

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Wed, 27 Nov 96 00:05:08 est  
To: bbssig@tapr.org  
Message-ID: <199611261334.AAA11063@dove.mtx.net.au>  
Rendered body type: text/plain

On Fri, 22 Nov 1996 23:02:13 -0600 (CST) you wrote:

>[...]  
>It's pretty rare to see somebody going through the trouble to enter an  
>entire H-address when entering a message. I can't remember seeing that  
>happen for quite a while. In most (almost all) cases, the user enters SP  
>HAMCALL and the excellent WP system/server finishes addressing the message  
>for him.  
>There are exceptions to this of course.. In those situations, if the user  
>knows the other ham's homeBBS, he should also has the address, whatever it  
>may be. I'm fairly active on packet, and so far have never had occasion to  
>"guess" an H-address. Either the WP server or I knew the address.

Have you never had a user address a message to someone at a new interstate BBS before the WP systems had caught up and before you knew about it? I have. It happens. In this case I believe it was a VK3 BBS.

Because we use H-address routing I was able to at least add the .VIC.AUS.OC part and even though I didn't know the regional designator this was enough to get the message moving in the right direction so the h-address could be corrected further down the forwarding chain by someone who knew the right region to forward it to.

If we'd been using Grid Squares though I'd have had no idea where to send it because I wouldn't have known the stations exact location and therefore wouldn't have known his grid square.

Exactly the same applies to overseas BBS's (I've had the same problem with a message routed to a BBS in Czechoslovakia (as it was then). I was able to add the country and continent codes and forward it even though I didn't know the region, if any, that was appropriate. Again, with grid squares the message wouldn't have left my BBS.

Cheers,  
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | aound???!?!
=====
```

---

## 273. Re: [BBSSIG:3992] Re: Grid Squares (was Country Codes)

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Wed, 27 Nov 96 00:11:15 est  
To: bbssig@tapr.org  
Message-ID: <199611261340.AAA11593@dove.mtx.net.au>  
Rendered body type: text/plain

On Sat, 23 Nov 1996 23:58:57 -0600 (CST) you wrote:

```
[...]
>>Does Grid Square addressing offer us something we need?
>
>In general, a way to allow BBS authors to hard code the majority of the
>routes based on relative position. This would send traffic in the general
>direction that it needs to go.
>
>>-Mike-
>
>Take Care & 73
>
>
>Marty Albert - marty@trucom.com
>Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM
>
>Heartland Internet Services
>
>*****
>Interested in Amateur Radio?
>http://www.trucom.com/ppages/marty
>*****
>
```

Marty - you need to look at the situation in places other than where you live. This scheme wouldn't work in many places, because if mail was forwarded in the general direction that it needs to end up it would never get there. Mail routes aren't always logical - sometimes they're practical...

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | aound???!?!
=====
```

---

## 274. Re: [BBSSIG:3995] Re: Country Codes

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Wed, 27 Nov 96 00:17:13 est  
To: bbssig@tapr.org  
Message-ID: <199611261346.AAA12162@dove.mtx.net.au>  
Rendered body type: text/plain

On Sun, 24 Nov 1996 09:44:30 -0600 (CST) you wrote:

>[...]

>All BBS software worth it's salt maintains an internal WhitePages  
>database so a user does not have to remember/research the gridsquare if  
>he knows the addressee's callsign and the addressee is in the WP data -  
>no difference than today's imbedded HA system...  
>  
>Clarke

You said it - the magic word. \*IF\*. \*If\* the station is in the WP  
database and I know the addressee's callsign. If the addressee and the  
BBS are \*not\* in the database I can currently make an educated guess  
and at least manually add the country and continent code and that  
\*will\* get the mail moving in the right direction \*and\* it has a  
pretty good chance of getting to its destination because \*someone\*  
further down the forwarding chain \*will\* know the correct full  
h-address.

I am yet to be convinced that I can achieve the same using grid square  
forwarding. I have \*no\* way of telling from the stations' call-sign  
what grid square he is located in.

Cheers,  
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho sritched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | awound???!?!
=====
```

---

## 275. Re: [BBSSIG:4009] Re: Grid Squares (was Country Codes)

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 26 Nov 1996 08:16:13 -0700  
To: bbssig@tapr.org  
Message-ID: <199611261516.IAA06142@acca.nmsu.edu>  
Rendered body type: text/plain

It never fails to happen. I wrote a message that said let's use  
gridsquares in the space just to the right of the callsign. No-one read it.  
No debate on that. Just a bunch of crap about how good/bad it is.

I think with some exceptions those who write to this Sig have never  
run a bbs, have no idea how it works, and just want to say something. If you  
think this is harsh I will be glad to send you the 57 messages on this  
subject and you can draw your own conclusion.

I will post my rather long proposal again. If no-one reads it then I  
quit. There is no point to this Sig and I will turn it off.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 276. Country code Solution!

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 26 Nov 1996 08:51:23 -0700  
To: bbssig@tapr.org  
Message-ID: <199611261551.IAA07191@acca.nmsu.edu>  
Rendered body type: text/plain

Ham Packet Radio Forward Address

### BACKGROUND:

There is a current if embattled packet bbs standard for the  
"reading" of the address. It goes like this:

call.local symbols.internal boundries.country.continent

Call: This is the call sign of the bbs, up to 6 characters

Local symbols: Anything a city or state wants to use for  
LOCAL routing 6 characters.

Internal boundries: We use the state code from the US Post  
Office. Need someting similar from other countries, up to 6  
characters.

Country: Use the country code defined by ISO and made available to us by Brian Jones G8AS0, 3 characters.

Continent: This is causing a lot of controversy and it is not worth the trouble, up to 4 characters.

I have a lot of current in-use address data in my White Pages data base. Here is a sample. I will send the entire data base to anyone who wants it. But here is what I copied for the readers consideration:

|                    |           |
|--------------------|-----------|
| 4F8NTC.EVIS.PHL.OC | 847213517 |
| 9A0BBS.HRV.EU      | 847404798 |
| 9A0YSI.#SBK.HRV.EU | 847258831 |
| 9H1MRL.SLM.MLT.EU  | 848838028 |

|                                |           |
|--------------------------------|-----------|
| IK2JYT.ILOM.ITA.EU             | 847394228 |
| IK2QCA.ILOM.ITA.EU             | 848131437 |
| IK2UUB.ILOM.ITA.EU             | 847394227 |
| IK4ICZ.#RA.IEMR.ITA.EU         | 848144116 |
| K1UOL.CT.USA.NA                | 848787910 |
| K2AA.#SNJ.NJ.USA.NA            | 848503817 |
| K2ADJ.#SNJ.NJ.USA.NA           | 848752141 |
| K2KJC.#NYC.NY.USA.NOAM         | 848651443 |
| K2UL.#SNJ.NJ.USA.NA            | 848752141 |
| K2ZM.#ENY.NY.USA.NA            | 848522129 |
| K5DI.CRUCES.NM.USA.NOAM        | 848823352 |
| K5WPH.NM.USA.NOAM              | 848780605 |
| K6CPT.#LACCA.#SOCA.CA.USA.NOAM | 848031118 |
| KA2JXI.#NNY.NY.USA.NA          | 848821985 |
| KA2MSL.FN21XM.NY.USA.NA        | 848821793 |
| KC7KFE.#SALEM.OR.USA.NOAM      | 848839345 |
| KC7RJJ.#LBY.#NWM.MT.USA.NA     | 848031122 |

Please note that Gridsquares are used in 2 land as Local symbols and I propose that this be the option of local bbs sysops. If Gridsquares are for you, and they are easy to get if your running FBB, then use them as a Local symbol.

Here is something that will happen in the future as it happens now. K5WPH (6th from the bottom) is a bbs in El Paso, TX. But it has an address nm.usa.noam because mail for El Paso all comes from NM (me) and if they use tx.usa.noam the mail dies in Dallas...:-)

PROPOSAL:

I propose that the new "standard" include every current address as used today, plus some added/changed by using the ISO standard country list, and an improved and replaced Continent portion.

This is the country list that everyone should use:

Codes from ISO 3166

Updated by the RIPE Network Coordination Centre, in coordination with the ISO 3166 Maintenance Agency, Berlin

| Country             | A 2 | A 3 | Number |
|---------------------|-----|-----|--------|
| Afghanistan         | AF  | AFG | 004    |
| Albania             | AL  | ALB | 008    |
| Algeria             | DZ  | DZA | 012    |
| American Samoa      | AS  | ASM | 016    |
| Andorra             | AD  | AND | 020    |
| Angola              | AO  | AGO | 024    |
| Anguilla            | AI  | AIA | 660    |
| Antarctica          | AQ  | ATA | 010    |
| Antigua and Barbuda | AG  | ATG | 028    |
| Argentina           | AR  | ARG | 032    |
| Armenia             | AM  | ARM | 051    |
| Aruba               | AW  | ABW | 533    |
| Australia           | AU  | AUS | 036    |
| Austria             | AT  | AUT | 040    |
| Azerbaijan          | AZ  | AZE | 031    |
| Bahamas             | BS  | BHS | 044    |
| Bahrain             | BH  | BHR | 048    |
| Bangladesh          | BD  | BGD | 050    |

|                                |    |     |     |
|--------------------------------|----|-----|-----|
| Barbados                       | BB | BRB | 052 |
| Belarus                        | BY | BLR | 112 |
| Belgium                        | BE | BEL | 056 |
| Belize                         | BZ | BLZ | 084 |
| Benin                          | BJ | BEN | 204 |
| Belarus                        | BY | BLR | 112 |
| Bermuda                        | BM | BMU | 060 |
| Bhutan                         | BT | BTN | 064 |
| Bolivia                        | BO | BOL | 068 |
| Bosnia Herzegowina             | BA | BIH | 070 |
| Botswana                       | BW | BWA | 072 |
| Bouvet Island                  | BV | BVT | 074 |
| Brazil                         | BR | BRA | 076 |
| British Indian Ocean Territory | IO | IOT | 086 |
| Brunei Darussalam              | BN | BRN | 096 |
| Bulgaria                       | BG | BGR | 100 |
| Burkina Faso                   | BF | BFA | 854 |
| Burundi                        | BI | BDI | 108 |
| Cambodia                       | KH | KHM | 116 |
| Cameroon                       | CM | CMR | 120 |
| Canada                         | CA | CAN | 124 |
| Cape Verde                     | CV | CPV | 132 |
| Cayman Islands                 | KY | CYM | 136 |
| Central African Republic       | CF | CAF | 140 |
| Chad                           | TD | TCO | 148 |
| Chile                          | CL | CHL | 152 |
| China                          | CN | CHN | 156 |
| Christmas Island               | CX | CXR | 162 |
| Cocos (Keeling) Islands        | CC | CCK | 166 |
| Colombia                       | CO | COL | 170 |
| Comoros                        | KM | COM | 174 |
| Congo                          | CG | COG | 178 |
| Cook Islands                   | CK | COK | 184 |
| Costa Rica                     | CR | CRI | 188 |
| Cote d'Ivoire                  | CI | CIV | 384 |
| Croatia (local name: Hrvatska) | HR | HRV | 191 |
| Cuba                           | CU | CUB | 192 |
| Cyprus                         | CY | CYP | 196 |
| Czech Republic                 | CZ | CZE | 203 |
| Denmark                        | DK | DNK | 208 |
| Djibouti                       | DJ | DJI | 262 |
| Dominica                       | DM | DMA | 212 |
| Dominican Republic             | DO | DOM | 214 |
| East Timor                     | TP | TMP | 626 |
| Ecuador                        | EC | ECU | 218 |
| Egypt                          | EG | EGY | 818 |
| El Salvador                    | SV | SLV | 222 |
| Equatorial Guinea              | GQ | GNQ | 226 |
| Estonia                        | EE | EST | 233 |
| Ethiopia                       | ET | ETH | 230 |
| Falkland Islands (Malvinas)    | FK | FLK | 238 |
| Faroe Islands                  | FO | FRO | 234 |
| Fiji                           | FJ | FJI | 242 |
| Finland                        | FI | FIN | 246 |
| France                         | FR | FRA | 250 |
| France, Metropolitan           | FX | FXX | 249 |
| French Guiana                  | GF | GUF | 254 |
| French Polynesia               | PF | PYF | 258 |
| French Southern Territories    | TF | ATF | 260 |
| Gabon                          | GA | GAB | 266 |
| Gambia                         | GM | GMB | 270 |
| Georgia                        | GE | GEO | 268 |
| Germany                        | DE | DEU | 276 |
| Ghana                          | GH | GHA | 288 |
| Gibraltar                      | GI | GIB | 292 |
| Greece                         | GR | GRC | 300 |
| Greenland                      | GL | GRL | 304 |
| Grenada                        | GD | GRD | 308 |
| Guadeloupe                     | GP | GLP | 312 |
| Guam                           | GU | GUM | 316 |
| Guatemala                      | GT | GTM | 320 |
| Guinea                         | GN | GIN | 324 |
| Guinea-Bissau                  | GW | GNB | 624 |
| Guyana                         | GY | GUY | 328 |
| Haiti                          | HT | HTI | 332 |
| Heard and McDonald Islands     | HM | HMD | 334 |
| Honduras                       | HN | HND | 340 |
| Hong Kong                      | HK | HKG | 344 |
| Hungary                        | HU | HUN | 348 |

|                                        |    |     |     |
|----------------------------------------|----|-----|-----|
| Iceland                                | IS | ISL | 352 |
| India                                  | IN | IND | 356 |
| Indonesia                              | ID | IDN | 360 |
| Iran (Islamic Republic of)             | IR | IRN | 364 |
| Iraq                                   | IQ | IRQ | 368 |
| Ireland                                | IE | IRL | 372 |
| Israel                                 | IL | ISR | 376 |
| Italy                                  | IT | ITA | 380 |
| Jamaica                                | JM | JAM | 388 |
| Japan                                  | JP | JPN | 392 |
| Jordan                                 | JO | JOR | 400 |
| Kazakhstan                             | KZ | KAZ | 398 |
| Kenya                                  | KE | KEN | 404 |
| Kiribati                               | KI | KIR | 296 |
| Korea, Democratic People's Republic of | KP | PRK | 408 |
| Korea, Republic of                     | KR | KOR | 410 |
| Kuwait                                 | KW | KWT | 414 |
| Kyrgyzstan                             | KG | KGZ | 417 |
| Lao People's Democratic Republic       | LA | LAO | 418 |
| Latvia                                 | LV | LVA | 428 |
| Lebanon                                | LB | LBN | 422 |
| Lesotho                                | LS | LSO | 426 |
| Liberia                                | LR | LBR | 430 |
| Libyan Arab Jamahiriya                 | LY | LBY | 434 |
| Liechtenstein                          | LI | LIE | 438 |
| Lithuania                              | LT | LTU | 440 |
| Luxembourg                             | LU | LUX | 442 |
| Macau                                  | MO | MAC | 446 |
| Madagascar                             | MG | MDG | 450 |
| Malawi                                 | MW | MWI | 454 |
| Malaysia                               | MY | MYS | 458 |
| Maldives                               | MV | MDV | 462 |
| Mali                                   | ML | MLI | 466 |
| Malta                                  | MT | MLT | 470 |
| Marshall Islands                       | MH | MHL | 584 |
| Martinique                             | MQ | MTQ | 474 |
| Mauritania                             | MR | MRT | 478 |
| Mauritius                              | MU | MUS | 480 |
| Mayotte                                | YT | MYT | 175 |
| Mexico                                 | MX | MEX | 484 |
| Micronesia                             | FM | FSM | 583 |
| Moldova, Republic of                   | MD | MDA | 498 |
| Monaco                                 | MC | MCO | 492 |
| Mongolia                               | MN | MNG | 496 |
| Montserrat                             | MS | MSR | 500 |
| Morocco                                | MA | MAR | 504 |
| Mozambique                             | MZ | MOZ | 508 |
| Myanmar                                | MM | MMR | 104 |
| Namibia                                | NA | NAM | 516 |
| Nauru                                  | NR | NRU | 520 |
| Nepal                                  | NP | NPL | 524 |
| Netherlands                            | NL | NLD | 528 |
| Netherlands Antilles                   | AN | ANT | 530 |
| New Caledonia                          | NC | NCL | 540 |
| New Zealand                            | NZ | NZL | 554 |
| Nicaragua                              | NI | NIC | 558 |
| Niger                                  | NE | NER | 562 |
| Nigeria                                | NG | NGA | 566 |
| Niue                                   | NU | NIU | 570 |
| Norfolk Island                         | NF | NFK | 574 |
| Northern Mariana Islands               | MP | MNP | 580 |
| Norway                                 | NO | NOR | 578 |
| Oman                                   | OM | OMN | 512 |
| Pakistan                               | PK | PAK | 586 |
| Palau                                  | PW | PLW | 585 |
| Panama                                 | PA | PAN | 591 |
| Papua New Guinea                       | PG | PNG | 598 |
| Paraguay                               | PY | PRY | 600 |
| Peru                                   | PE | PER | 604 |
| Philippines                            | PH | PHL | 608 |
| Pitcairn                               | PN | PCN | 612 |
| Poland                                 | PL | POL | 616 |
| Portugal                               | PT | PRT | 620 |
| Puerto Rico                            | PR | PRI | 630 |
| Qatar                                  | QA | QAT | 634 |
| Reunion                                | RE | REU | 638 |
| Romania                                | RO | ROM | 642 |
| Russian Federation                     | RU | RUS | 643 |
| Rwanda                                 | RW | RWA | 646 |



|                                      |    |     |     |
|--------------------------------------|----|-----|-----|
| Saint Kitts and Nevis                | KN | KNA | 659 |
| Saint Lucia                          | LC | LCA | 662 |
| Saint Vincent and the Grenadines     | VC | VCT | 670 |
| Samoa                                | WS | WSM | 882 |
| San Marino                           | SM | SMR | 674 |
| Sao Tome and Principe                | ST | STP | 678 |
| Saudi Arabia                         | SA | SAU | 682 |
| Senegal                              | SN | SEN | 686 |
| Seychelles                           | SC | SYC | 690 |
| Sierra Leone                         | SL | SLE | 694 |
| Singapore                            | SG | SGP | 702 |
| Slovakia (Slovak Republic)           | SK | SVK | 703 |
| Slovenia                             | SI | SVN | 705 |
| Solomon islands                      | SB | SLB | 090 |
| Somalia                              | SO | SOM | 706 |
| South Africa                         | ZA | ZAF | 710 |
| Spain                                | ES | ESP | 724 |
| Sri Lanka                            | LK | LKA | 144 |
| St. Helena                           | SH | SHN | 654 |
| St. Pierre and Miquelon              | PM | SPM | 666 |
| Sudan                                | SD | SDN | 736 |
| Suriname                             | SR | SUR | 740 |
| Svalbard and Jan Mayen Islands       | SJ | SJM | 744 |
| Swaziland                            | SZ | SWZ | 748 |
| Sweden                               | SE | SWE | 752 |
| Switzerland                          | CH | CHE | 756 |
| Syrian Arab Republic                 | SY | SYR | 760 |
| Taiwan, Province of China            | TW | TWN | 158 |
| Tajikistan                           | TJ | TJK | 762 |
| Tanzania, United Republic of         | TZ | TZA | 834 |
| Thailand                             | TH | THA | 764 |
| Togo                                 | TG | TGO | 768 |
| Tokelau                              | TK | TKL | 772 |
| Tonga                                | TO | TON | 776 |
| Trinidad and Tobago                  | TT | TTO | 780 |
| Tunisia                              | TN | TUN | 788 |
| Turkey                               | TR | TUR | 792 |
| Turkmenistan                         | TM | TKM | 795 |
| Turks and Caicos Islands             | TC | TCA | 796 |
| Tuvalu                               | TV | TUV | 798 |
| Uganda                               | UG | UGA | 800 |
| Ukrainian                            | UA | UKR | 804 |
| United Arab Emirates                 | AE | ARE | 784 |
| United Kingdom                       | GB | GBR | 826 |
| United States                        | US | USA | 840 |
| United States Minor Outlying Islands | UM | UMI | 581 |
| Uruguay                              | UY | URY | 858 |
| Uzbekistan                           | UZ | UZB | 860 |
| Vanuatu                              | VU | VUT | 548 |
| Vatican City State (Holy See)        | VA | VAT | 336 |
| Venezuela                            | VE | VEN | 862 |
| Viet Nam                             | VN | VNM | 704 |
| Virgin Islands (British)             | VG | VGB | 092 |
| Virgin Islands (U.S.)                | VI | VIR | 850 |
| Wallis and Futuna islands            | WF | WLF | 876 |
| Western Sahara                       | EH | ESH | 732 |
| Yemen                                | YE | YEM | 887 |
| Yugoslavia                           | YU | YUG | 891 |
| Zaire                                | ZR | ZAR | 180 |
| Zambia                               | ZM | ZMB | 894 |
| Zimbabwe                             | ZW | ZWE | 716 |

Now for the old Continent list. The new ROUTE list will include those now in use which include EU and EURO and NA and NAOM plus a lot of others now in use and some new ones designed to work better than the older ones. This is not yet complete and I will require help with getting the existing list complete.

#### SUMMARY:

We have defined a standard for the Call, Local Symboles, country and ROUTE portions of the packet radio address. We know how to get the Internal Boundries data, but it need not be part of the standard. But it's size is limited to 6 characters.

I will not spell check this since it is too much work. Sure hope this stops all the messages about using gridsquares and other messages that contain no actual data or knowledge to further the

task at hand.

Of course it has not stopped a thing. Last time I sent this it was read by maybe 1 or 2 guys...

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

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## 277. Re: [BBSSIG:4012] Country code Solution!

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Tue, 26 Nov 1996 10:39:35 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961126103703.3913B-100000@crl11.crl.com>  
Rendered body type: text/plain

Karl,

Your proposal sounds like "reinforce the status quo". Can we have the Executive Summary with only the cogent points. Most folks aren't going to read all the way through that thing...

Clarke

---

## 278. Re: [BBSSIG:4010] Re: Country Codes

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Tue, 26 Nov 1996 10:31:00 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961126102639.3913A-100000@crl11.crl.com>  
Rendered body type: text/plain

On Tue, 26 Nov 1996, Rodney S Baker wrote:

> You said it - the magic word. \*IF\*. \*If\* the station is in the WP  
> database and I know the addressee's callsign. If the addressee and the  
> BBS are \*not\* in the database I can currently make an educated guess  
> and at least manually add the country and continent code and that  
> \*will\* get the mail moving in the right direction \*and\* it has a  
> pretty good chance of getting to its destination because \*someone\*  
> further down the forwarding chain \*will\* know the correct full  
> h-address.  
>  
> I am yet to be convinced that I can achieve the same using grid square  
> forwarding. I have \*no\* way of telling from the stations' call-sign  
> what grid square he is located in.

1) If you don't know the callsign you can do nothing in either system.

2) I think most CD-ROM callbooks contain the gridsquare based on the FCC's address. If you DO know the destination BBS call look it up and append the gridsquare and you're done. I can do that in my system NOW and I have done so for appending hierarchical addresses for unknown BBS' so what's the difference???

Clarke

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## 279. Re: Country Codes

From: Brian Jones <bajones@larkhill.win-uk.net>  
Date: Tue, 26 Nov 1996 19:03:00  
To: bbssig@tapr.org  
Message-ID: <265@larkhill.win-uk.net>  
Rendered body type: text/plain

Greetings

Following on from earlier comments about the idea of using grid squares to replace the present hierarchial addresses, the following comments were received from Andrew G8TJZ @ GB7LAN.#16.GBR.EU. GB7LAN is one of the two SatGate stations in the United Kingdom (GBR).

>>G8AS0:  
>>So I commented on that, which has led on to discussion about the  
>>idea of using the grid locator square instead of a country and  
>>continent code.  
>  
>G8TJZ:  
>Ah so that ones raised its head again. That would be NIGHTMARE to

>construct a forward file for, based on the present tables as used in  
>BBS's.  
>  
>To give just one example square KN covers part of Greece and all of  
>Bulgaria amongst others. There is NO route from Greece to Bulgaria but  
>there is a route from GB7LDI to Bulgaria. You are going to have to work  
>out all the 6 digit codes on KN square that are in Greece and send mail  
>to there and all the 6 digit codes that cover Bulgaria and send those to  
>GB7LDI for forwarding.  
>  
>Alternatively \*.GRC.EU\* and \*.BGR.EU\* does it all in 2 lines!  
>  
>This is just one example. Look at a map and see what other nightmares  
>could be waiting.  
>  
>Political boundaries will always be the first choice for defining any given  
>area of the world. The Locator code is fine for calculating distances and  
>bearings for which it was designed.  
>  
>What a lot of sysops fail to understand is that if you use the COUNTRY code  
>AND the CONTINENT code on each line in a forward file you can easily direct  
>mail to any given area.  
>  
>I remain to be convinced by examples of how locator codes could ease  
>writing forward files.  
>  
> 73 Andrew G8TZJ @ GB7LAN 25-Nov-96 22:02 GMT  
>

73 Brian

```
=====
Brian Jones                               Worcester, United Kingdom
G8ASO @ G8ASO.GB7GLO.#46.GBR.EU      bajones@larkhill.win-uk.net
=====
```

## 280. Re: [BBSSIG:4013] Re: Country code Solution!

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 26 Nov 1996 14:13:14 -0700  
To: bbssig@tapr.org  
Message-ID: <199611262113.0AA15990@acca.nmsu.edu>  
Rendered body type: text/plain

At 12:45 PM 11/26/96 -0600, you wrote:

>  
>Karl,  
>  
>Your proposal sounds like "reinforce the status quo". Can we have the  
>Executive Summary with only the cogent points. Most folks aren't going  
>to read all the way through that thing...  
>  
>Clarke  
>

Did you bother to read it all Clarke? I suspect your right. But the  
table of country designators fit there in my thoughts. What is my position  
on the continent designator?

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

## 281. Re: [BBSSIG:4014] Re: Country Codes

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Wed, 27 Nov 1996 09:41:32 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611270841.JAA08868@gorow.dtek.chalmers.se>  
Rendered body type: text/plain

> 2) I think most CD-ROM callbooks contain the gridsquare based on the  
> FCC's address.

Ok, how to do with countries outside the States? FCC doesn't fix that.  
So, what is the grid square of SK6SA?

I havn't had time to follow this thread so this may already have been  
said. Well, anyway... It's much easier to remember something that

looks as words, i.e. SWE for Sweden is much easier to remember than J067 (ok, J067 is a subset of Sweden...) We humans are much easier of with words than characters and numbers. So why change a system that is fairly easy for the humans? The bbs software doesn't care, you can use whatever you like but the system is supposed to be used by humans and therefore have to be easy to use by these humans.

> Clarke

Hope you can find the gridsquare for SK6SA Clarke... :-)

The hieracial address for SK6SA is SK6SA.O.SWE.EU, everything except the 0 is easy for everyone to remember...

73 de Lars, sm6rpz

--

Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
<http://www.dtek.chalmers.se/~d8lars/> | SWEDEN

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## 282. Re: [BBSSIG:4012] Country code Solution!

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Wed, 27 Nov 1996 09:59:26 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199611270859.JAA08974@gorow.dtek.chalmers.se>  
Rendered body type: text/plain

> There is a current if embattled packet bbs standard for the  
> "reading" of the address. It goes like this:  
>  
> call.local symbols.internal boundries.country.continent  
>  
> Call: This is the call sign of the bbs, up to 6 characters

Not neccessarily true. We use TCP6SA.SK6SA.O.SWE.EU for our tcp/ip-gateway (couldn't use TCPIP.SK6SA.O.SWE.EU as fbb didn't liked that...).

There are some callsigns larger than 6 characters...

> Local symbols: Anything a city or state wants to use for  
> LOCAL routing 6 characters.

Why limit to 6 characters?

> Internal boundries: We use the state code from the US Post  
> Office. Need someting similar from other countries, up to 6  
> characters.

In Sweden we use our Laens as your "local symbols" and "internal boundries"...

> Country: Use the country code defined by ISO and made  
> available to us by Brian Jones G8AS0, 3 characters.

Ok.

> Continent: This is causing a lot of contriverty and it is not  
> worth the trouble, up to 4 characters.

Should be easy to remember though...

Why not just say that the address should consist of the call sign of the station, the country according to ISO (3 characters), and the continent (2 or 4 character) as

[local.]call\_sign.[local.]country.continent

where

local. = local.[local.]

local. could consist of characters and or numbers. (No use using the # sign.)

(My BNF grammar is a bit rusty... :-)

And not limit the length of these fields? Just say that the whole thing should not exceed, say 80 characters?

> Please note that Gridsquares are used in 2 land as Local  
> symbols and I propose that this be the option of local bbs sysops.

Local fields should be the option of the local sysop or country.  
No-one have anything to do with that under SWE.EU besides the Swedes.

> If Gridsquares are for you, and they are easy to get if your  
> running FBB, then use them as a Local symbol.

Correct!

> I propose that the new "standard" include every current  
> address as used today, plus some added/changed by using the ISO  
> standard country list, and an improved and replaced Continent  
> portion.

I can't find the "improved and replaced Continent portion" in your proposal? (Am I just a bad reader? :-)

> This is the country list that everyone should use:  
>  
>  
> Codes from ISO 3166

Ok!

> Of course it has not stopped a thing. Last time I sent this it was  
> read by maybe 1 or 2 guys...

I read it but had no time to comment it...

73 de Lars, sm6rpz

--  
Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

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## 283. Re: [BBSSIG:4014] Re: Country Codes

From: rsbaker@dove.mtx.net.au (Rodney S Baker)  
Date: Wed, 27 Nov 96 23:17:05 est  
To: bbssig@tapr.org  
Message-ID: <199611271246.XAA13453@dove.mtx.net.au>  
Rendered body type: text/plain

On Tue, 26 Nov 1996 12:45:52 -0600 (CST) you wrote:  
> [...]  
> 1) If you don't know the callsign you can do nothing in either system.

That's obvious. In the examples I gave the message was simply  
addressed to CALLSIGN@BBS.

>  
> 2) I think most CD-ROM callbooks contain the gridsquare based on the  
> FCC's address. If you DO know the destination BBS call look it up and  
> append the gridsquare and you're done. I can do that in my system NOW  
> and I have done so for appending hierarchical addresses for unknown BBS'  
> so what's the difference???  
>  
> Clarke

You are assuming that a) I have access to a CD-ROM drive and b) that  
there is a CD-ROM produced which covers every BBS in the world. Wrong  
on both counts. Even if b) were true, new BBS's can and do appear all  
the time. I still maintain that grid square routing will \*not\* help  
you in these situations, whereas h-address will.

Now if, as Karl proposes, the grid square is used to replace the  
regional (or local) designator, that isn't too bad. I just don't see  
any advantage whatsoever in that over what we currently do and I think  
it would be less intuitive (IMHO). It doesn't seem to have any  
practical advantage and seems too much like change for change's sake.

Cheers,  
Rod.

```
=====
AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |
AmprNet   : vk5ztv@bbs.vk5tty.ampr.org      | All wiyht! Rho stitched mg kegtops
Email     : rsbaker@dove.mtx.net.au         | awound???!!!
=====
```

## 284. Re: [BBSSIG:4018] Re: Country code Solution!

```
From: "Karl F. Larsen" <k5di@acca.nmsu.edu>
Date: Wed, 27 Nov 1996 11:42:49 -0700
To: bbssig@tapr.org
Message-ID: <199611271842.LAA17874@acca.nmsu.edu>
Rendered body type: text/plain

At 03:04 AM 11/27/96 -0600, you wrote:
>>   There is a current if embattled packet bbs standard for the
>> "reading" of the address. It goes like this:
>>
>> call.local.symbols.internal.boundries.country.continent
>>
>>   Call: This is the call sign of the bbs, up to 6 characters
>
>Not neccessarily true. We use TCP6SA.SK6SA.O.SWE.EU for our
>tcp/ip-gateway (couldn't use TCPIP.SK6SA.O.SWE.EU as fbb didn't
>liked that...).
>
>   Yes Lars, you have 1 to many periods in the one FBB doesn't like...:)

>There are some callsigns larger than 6 characters...
>
>>   Local symbols: Anything a city or state wants to use for
>>                  LOCAL routing 6 characters.
>
>Why limit to 6 characters?
>
>   Seemed to be enough.

>>   Internal boundries: We use the state code from the US Post
>> Office. Need someting similar from other countries, up to 6
>> characters.
>
>In Sweden we use our Laens as your "local symbols" and "internal
>boundries"...

>   That is very good! Every country is asked to take care of the
> symbols INSIDE the country, but use the 3 letter country symbol from the list.

>
>>   Country: Use the country code defined by ISO and made
>> available to us by Brian Jones G8ASO, 3 characters.
>
>Ok.
>
>>   Continent: This is causing a lot of contrivervy and it is not
>> worth the trouble, up to 4 characters.
>
>Should be easy to remember though...
>
>Why not just say that the address should consist of the call sign
>of the station, the country according to ISO (3 characters), and
>the continent (2 or 4 character) as
>
>[local.]call_sign.[local.]country.continent
>
>where
>
>local. = local.[local.]
>
>local. could consist of characters and or numbers. (No use using
>the # sign.)
>
>(My BNF grammar is a bit rusty... :-)
>
>And not limit the length of these fields? Just say that the whole
>thing should not exceed, say 80 characters?
```

>  
>> Please note that Gridsquares are used in 2 land as Local  
>> symbols and I propose that this be the option of local bbs sysops.  
>  
>Local fields should be the option of the local sysop or country.  
>No-one have anything to do with that under SWE.EU besides the Swedes.  
>  
>> If Gridsquares are for you, and they are easy to get if your  
>> running FBB, then use them as a Local symbol.  
>  
>Correct!  
>  
>> I propose that the new "standard" include every current  
>> address as used today, plus some added/changed by using the ISO  
>> standard country list, and an improved and replaced Continent  
>> portion.  
>  
>I can't find the "improved and replaced Continent portion" in your  
>proposal? (Am I just a bad reader? :-)

No your not. I am WORKING on the improved Continent portion which I  
will call the ROUTE portion, 4 characters. I am now leaning towards N-EU  
S-EU W-EU E-EU as the router symbols, but plain EU and EURO will still work.  
But Russia is for sure E-EU and England is for sure W-EU and you are N-EU.

>  
>> This is the country list that everyone should use:  
>>  
>>  
>> Codes from ISO 3166  
>  
>Ok!  
>  
>> Of course it has not stopped a thing. Last time I sent this it was  
>> read by maybe 1 or 2 guys...  
>  
>I read it but had no time to comment it...  
>

Me too. Too busy with other things, but thanks for your time, Lars.  
We must be related way back when still living in caves...:-)

>73 de Lars, sm6rpz  
>  
>--  
>Lars E Pettersson | Chalmers University of Technology  
>d8lars@dtek.chalmers.se | Gothenburg  
>http://www.dtek.chalmers.se/~d8lars/ | SWEDEN  
>  
>  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

## 285. Re: [BBSSIG:4019] Re: Country Codes

From: "Clarke L. Diekmann" <diekmann@crl.com>  
Date: Wed, 27 Nov 1996 20:39:50 -0800 (PST)  
To: bbssig@tapr.org  
Message-ID: <Pine.SUN.3.91.961127203223.25302A-100000@crl6.crl.com>  
Rendered body type: text/plain

On Wed, 27 Nov 1996, Rodney S Baker wrote:

> You are assuming that a) I have access to a CD-ROM drive and b) that  
> there is a CD-ROM produced which covers every BBS in the world. Wrong  
> on both counts. Even if b) were true, new BBS's can and do appear all  
> the time. I still maintain that grid square routing will \*not\* help  
> you in these situations, whereas h-address will.

If a \*new\* BBS comes online in Outer Mongolia how do you know what his HA  
is until you receive a message from a station there or a bulletin passes  
through his station and yours thereby updating your WP database or  
whatever. There's no difference between HA and GS in this regard. It's  
just data either way. If you learn of the BBS\_callsign I guess you could  
guess at the details of his HA or you could look on a GS map and get the  
approximate GS and use that...

>  
> Now if, as Karl proposes, the grid square is used to replace the  
> regional (or local) designator, that isn't too bad. I just don't see  
> any advantage whatsoever in that over what we currently do and I think  
> it would be less intuitive (IMHO). It doesn't seem to have any  
> practical advantage and seems too much like change for change's sake.

I can't see the value in integrating the GS into the HA addressing scheme. I've done it here to facilitate some of the folks who like to construct their forward files based on GS. It probably is simply a waste of 7 characters in my HA so far...

Clarke  
K3WGF

---

## 286. Re: WISP/FT736 Help needed

From: KB6ZVP@aol.com  
Date: Sat, 30 Nov 1996 20:37:06 -0500  
To: lnmoose@htonline.com  
Cc: amsat-bb@amsat.org, ham-tech@netcom.com, bbssig@tapr.org  
Message-ID: <961130203704\_673090851@emout12.mail.aol.com>  
Rendered body type: text/plain

Greetings Alan:

In a message dated 96-11-30 15:27:14 EST, you write:

<< A small change to the KCT.INI file eliminates any problems with the 736R (going into transmit inadvertently).  
and... that change would be? I have the "inadvertant transmit" problem on a regular basis.  
>>

It is a quick fix:

PROBLEM: Yaesu 736R will not change mode and goes into transmit at beginning of satellite pass.

SETUP: 486DX4-120, WiSP, WinFBB, Satgate Node, Kansas City Tracker/Tuner, Yaesu 736R, Yaesu G5400B Rotor Controller.

POSSIBLE SOLUTION:

Collected from several sources, including Dave Hoatson (KC6WYG). He wrote the KCT/T driver program for WISP!

As far as failure of the 736 to go into the proper mode, I think this may help:

Use a text editor (EDIT in DOS or NOTEPAD in WINDOWS) and take a look at the KCTDRV.INI file in the Windows directory. Scroll down until you come to the section on the 736R. It starts with a line like [Yaesu FT-736R]. Once there, scroll down a few lines until you see the section on driver commands and then take a look at the first line of driver commands. There should only be two commands on the line: "OPEN=@CATON @FULDUPON." If there are more commands following these two (I believe one has to do with CCTS tones), delete them and then save the change. Restart Windows and that may fix the problem with mode changing and inadvertent transmit.

KB6ZVP's looks like this:

```
[Yaesu FT-736R]
; Driver Commands
Open=@CATON @FULDUPON
etc.
```

Eliminate anything after the @FULDUPON on that line only.

The problem has to do with the pre WW-II CAT system of the 736R, as it does not send any info back to the KCT/T board. Dave explains that with a long string command (originally 4 in the opening command), the 736R tends to miss the first part of the next line of commands; and as you might guess, the next string sets the Mode and Frequency. By shortening the first line to only two commands, the radio does fine.

As far as the radio locking in the transmit mode, Dave explains that can happen because of the command structure. Take a look at the instruction code chart on page 46 of the 736R manual. Note the 5 byte commands for the various instructions and you can see for mode set the first byte for FM



mode is 08h. Now look at the command string for TX/RX and note the last byte for transmit is the same (08h). The way Dave explained it (I think), was that if the radio is in FM and the radio drops the mode set for some reason, it interprets the 08h byte as in the string to turn on transmit.

For my station here, merely complying with the instructions to shorten the command line as outlined above solved the problem of switching into the transmit mode when WiSP activated a satellite pass and placed the 736R into the CAT ON mode via the KCT/T.

73 - Mark, KB6ZVP @ KB6ZVP.#LIN.NC.USA.NOAM  
K0-23, K0-25, U0-22  
E-Mail: kb6zvp@aol.com

---

# December 1996

Original source file: bbssig.9612

Source: [http://ftp.tapr.org/tapr\\_history/SIG\\_Archives/bbssig/mail\\_archive/bbssig.9612](http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/bbssig.9612)

## 1. Re: [BBSSIG:3956] Re: Country Codes

From: "Charles E. Gelm" <gelmce@erinet.com>

Date: Tue, 03 Dec 1996 09:24:41 -0800

To: bbssig@tapr.org

Message-ID: <32A46259.B5A@erinet.com>

Rendered body type: text/plain

Marty Albert wrote:

<snip>

> left to right instead of the current right to left for HA systems.

>

> Not a big deal.

>

> Take Care & 73

>

> Marty Albert - marty@trucom.com

> Amateur Radio: KC6UFM@KC6UFM.#SEMO.MO.USA.NOAM

>

> Heartland Internet Services

>

> \*\*\*\*\*

> Interested in Amateur Radio?

> <http://www.trucom.com/ppages/marty>

> \*\*\*\*\*

I thot all hierarchical routers read from left to right.

?

Chuck

nc8q

---

## 2. Re: [BBSSIG:3964] Re: Country Codes

From: "Charles E. Gelm" <gelmce@erinet.com>

Date: Tue, 03 Dec 1996 09:42:28 -0800

To: bbssig@tapr.org

Message-ID: <32A46684.33D3@erinet.com>

Rendered body type: text/plain

Thomas I Mathewson wrote:

>

> Marty Albert wrote:

> >

> > At 06:22 AM 11/22/96 -0600, you wrote:9great big snip)

>

> I do not very often add very much to the bandwidth on here but I thought that I would add  
> my QRM to this discussion.

> I was asked by a SYSOP,whose call I shall not mention, If I would but my gid square in

> the 'R' line. I said sure, Why not? He wanted to see if he could route on just the grid

> square. Well his test was a resounding sucess. I have put in a few grid squares that he

> can handle and it works very well. I wonder if Jean Paul, F6FBB is considering adding

> this forward on grid square 'feature' to his PBBS software? He already requires a sysop

> to install the grid square of the BBS. Interesting question.

>

> 73 Tom KA2MYD

I thot all bbs's can use 6 character hierarchical tokens, already.

Does F6FBB-bbs not use wildcards? i.e. will not forward to:

D????? > GATEWAYEAST

EM80?? > COLUMBUS

EM79?? > W8ABC

EM4??? > GATEWAYWEST

Does anyone, anywhere, use local tokens that have the same format  
as 'grid squares' ? Will the use of 'grid squares' conflict  
with anything existing?

Chuck

nc8q

---

## 3. Re: [BBSSIG:4023] Re: Country Codes

From: Lars Petterson <d8lars@dtek.chalmers.se>  
Date: Tue, 3 Dec 1996 15:57:41 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199612031457.PAA17846@mis.dtek.chalmers.se>  
Rendered body type: text/plain

> I thot all hierarchical routers read from left to right.  
> ?  
>  
> Chuck  
> nc8q

No Chuck, it's from right to left. You first check the continent,  
then the country (or more correct country+continent) and so on.  
If you don't do this you will get into truble.

73 de Lars, sm6rpz

--  
Lars E Pettersson | Chalmers University of Technology  
d8lars@dtek.chalmers.se | Gothenburg  
http://www.dtek.chalmers.se/~d8lars/ | SWEDEN

---

#### 4. Re: [BBSSIG:4001] Re: Country Codes

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 03 Dec 1996 11:13:44 -0800  
To: bbssig@tapr.org  
Message-ID: <32A47BE8.3770@erinet.com>  
Rendered body type: text/plain

Edward Sadowski wrote:

>  
> At 06:17 PM 11/24/96 -0600, you wrote:  
> >I hate to stick my toe in the water AGAIN so soon after the last time  
> >this came up and especially as I will cause ructions with the  
> >predominately US readership of this list. But anyway...  
> >  
> ><flame on>  
> >  
> >The ONLY reason this debate is occuring is because ISO have had the lack  
> >of foresight to allocate NA to Namibia AND certain BBSs (in the US) have  
> >had forwarding files (as far as I can see) wrongly sending stuff obviously  
> >destined for North America to Namibia.  
> >  
> >IF this was occurring ANYWHERE ELSE but in the US else you would not be  
> >having this debate, you would be saying 'we have a perfectly workable  
> >system, all you have to do is implement it correctly'. You would say: the  
> >last part of a H-Addr is the continent designator (and add) it doesn't  
> >matter a tinkers cuss whether it happens to be the same as a country  
> >designator because that will not appear at the end of an address - it is  
> >no good saying 'oh people will only put a partial address on' because we  
> >all know that if 'people' do this (whatever system you use) you will have  
> >ambiguities and thus wrong routing, and anyway with modern WP address  
> >completion it either doesn't happen or is irrelevant.  
> >  
> >Whilst I am on it also doesn't matter a damn whether you use a two letter  
> >or a four letter continent for your BBS. Here in Norfolk (England) most  
> >BBSs use .EU GB7LDI uses .EURO - so what? All that is required is that  
> >other BBS respect the choice that is made and forward it on (correctly)  
> >UNTOUCHED!  
> >  
> >I move next (new) business.  
> >  
> ><flame off>  
> >  
> >--  
> >Dirk-Jan Koopman Tel/Fax: +44 1362 696076 Mobile: +44 973 333806  
> >Computer Consultant Email: djk@tobit.co.uk or G1TLH@GB7TLH.#35.GBR.EU  
> >"The typewriting machine, when played with expression, is no more annoying than  
> >the piano when played by a sister or near relation." --Oscar Wilde  
> >  
> >  
> >  
> To that I add, "AMEN!"

Are you guys saying that this is an attempt to make a global  
solution to a national problem?

.EU will work until the ISO decides to assign EU to a country,  
not knowing that we are using it for a continent. eh.

73  
Chuck  
nc8q

---

## 5. Re: [BBSSIG:4007] Re: Country Codes

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Tue, 03 Dec 1996 12:22:00 -0800  
To: bbssig@tapr.org  
Message-ID: <32A48BE8.3B91@erinet.com>  
Rendered body type: text/plain

Rodney S Baker wrote:

>  
> On Fri, 22 Nov 1996 19:42:39 -0600 (CST) you wrote:  
>  
> >On Fri, 22 Nov 1996, Hank Oredson wrote:  
> >  
> >> I happen to agree: grid square forwarding has been a "Solution in  
> >> search of a problem" for several years now.  
> >  
> >>I guess my forward file must be a lot simpler than most others. It seems  
> >to me that if you can do something with hierarchical addresses you can do  
> >it with gridsquares and wildcards.  
> >  
> >Clarke  
> >  
>  
> As has been already stated by someone else, hierarchical addresses  
> point not just to the location of the BBS but to the logical (or in  
> some cases only practical) route for mail to take to get there. One  
> example from this side of the world...  
>  
> VK5SR BBS in Mt Gambier, Sth Australia. If we were going by its  
> location, its hierachical address would be (and used to be) something  
> like VK5SR.#MTG.#SA.AUS.OC. Pretty simple, except for one thing. All  
> other VK5 BBS's use the \*.#SA.AUS.OC h-address (for instance,  
> VK5TTY.#ADL.#SA.AUS.OC). The problem exists when stations route all  
> VK5 mail in one direction (via the HF gateway in VK2 to one of VK5's  
> HF gateways and thence to VK5WI because there \*is\* no route from any  
> other VK5 BBS to VK5SR due to geographical constraints.  
>  
> The only route to VK5SR is via VK3, which is why VK5SR uses  
> VK5SR.#WEV.VIC.AUS.OC (for Victoria or VK3 instead of VK5 for South  
> Australia), to tell the BBS sysops that it goes in a different  
> direction to all other VK5 mail.  
>  
> That's probably as clear as mud in a blackout, but it serves to paint  
> the picture. Now, how can grid square routing help that? People will  
> still stuff up forwarding files. Grid square routing will make  
> debugging stuff-ups a lot harder. At least with the current h-address  
> scheme it is fairly obvious which way mail is supposed to go, even if  
> you're not 100% sure of the location of the station in question.  
>  
> Cheers,  
> Rod.  
>  
> =====  
> AX25 Mail : VK5ZTV@VK5TTY.#ADL.#SA.AUS.OC |  
> AmprNet : vk5ztv@bbs.vk5tty.ampr.org | All wiyht! Rho sritched mg kegtops  
> Email : rsbaker@dove.mtx.net.au | awound???!  
> =====

Howdy, Rod:

Uh, couldn't they use the GS of their forwarding neighbors  
in their R: line ? (Since, rf wise, they are in that GS)

73  
Chuck  
nc8q

---

## 6. Re: [BBSSIG:4026] Re: Country Codes

From: Roy <garlic@garlic.com>  
Date: Tue, 03 Dec 1996 09:25:00 -0800  
To: bbssig@tapr.org  
Message-ID: <32A4626C.160@garlic.com>  
Rendered body type: text/plain

Charles E. Gelm wrote:

>  
> Are you guys saying that this is an attempt to make a global  
> solution to a national problem?  
>  
> .EU will work until the ISO decides to assign EU to a country,  
> not knowing that we are using it for a continent. eh.  
>

NO NO NO -- some people say that the ONLY reason was .NA but those  
who participated in all the exhaustive debate way back when and  
those that have read the W3IWI paper know better. The two letter  
continent codes have a number of flaws and the NA=Nambia one is  
only one!!!!

---

## 7. Re: [BBSSIG:4011] Re: Grid Squares (was Country Codes)

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 03 Dec 1996 12:30:46 -0800  
To: bbssig@tapr.org  
Message-ID: <32A48DF6.3031@erinet.com>  
Rendered body type: text/plain

Karl F. Larsen wrote:

>  
> It never fails to happen. I wrote a message that said let's use  
> gridsquares in the space just to the right of the callsign. No-one read it.  
> No debate on that. Just a bunch of crap about how good/bad it is.  
>  
> I think with some exceptions those who write to this Sig have never  
> run a bbs, have no idea how it works, and just want to say something. If you  
> think this is harsh I will be glad to send you the 57 messages on this  
> subject and you can draw your own conclusion.  
>  
> I will post my rather long proposal again. If no-one reads it then I  
> quit. There is no point to this Sig and I will turn it off.  
>  
> 73, de Karl aka k5di  
>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

Hi, Karl:

Are you suggesting that I consider replacing

@NC8Q.#DAY.OH.USA.NOAM

with

@NC8Q.EM791q.OH.USA.NOAM

?

73  
Chuck  
nc8q

---

## 8. Re: [BBSSIG:4025] Re: Country Codes

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Tue, 3 Dec 1996 14:47:39 -0500 (EST)  
To: bbssig@tapr.org  
Message-ID: <199612031947.OAA03509@itchy.mosquito.com>  
Rendered body type: text/plain

Regarding how a BBS reads the H\$, depends on how the author of the BBS  
program coded his system. Some read it from left to right and some from right  
to left.. You should know how YOUR system works to make it easier to program  
your forwarding files..

73 de Rod

At 09:04 AM 12/3/96 -0600, you wrote:  
>> I thot all hierarchical routers read from left to right.  
>> ?  
>>  
>> Chuck  
>> nc8q  
>

>No Chuck, it's from right to left. You first check the continent,  
>then the country (or more correct country+continent) and so on.  
>If you don't do this you will get into trouble.  
>  
>73 de Lars, sm6rpz  
>

---

## 9. Re: [BBSSIG:4029] Re: Grid Squares (was Country Codes)

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Tue, 3 Dec 1996 16:20:10 -0700 (MST)  
To: bbssig@tapr.org  
Message-ID: <199612032320.QAA12406@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:43 AM 12/3/96 -0600, you wrote:  
>Karl F. Larsen wrote:  
>>  
>> It never fails to happen. I wrote a message that said let's use  
>> gridsquares in the space just to the right of the callsign. No-one read it.

snip

>Hi, Karl:  
>  
> Are you suggesting that I consider replacing  
>  
>@NC8Q.#DAY.OH.USA.NOAM  
>  
> with  
>  
>@NC8Q.EM791q.OH.USA.NOAM  
>  
>?  
>

Only if the rest of the guys in Ohio or where your forward partners  
are agree it's a good idea. After all, those 6 characters are used to help  
forwarding INSIDE OHIO and are never even looked at by my bbs or any others  
OUTSIDE Ohio.

But thanks for writing the question Chuck. It might help others to  
understand how we do addressing in this pbbs world.

>73  
>Chuck  
>nc8q  
>  
>  
73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

---

## 10. Re: [BBSSIG:4028] Re: Country Codes

From: "Charles E. Gelm" <gelmce@erinet.com>  
Date: Tue, 03 Dec 1996 21:45:39 -0800  
To: bbssig@tapr.org  
Message-ID: <32A51003.225C@erinet.com>  
Rendered body type: text/plain

Roy wrote:  
>  
> Charles E. Gelm wrote:  
>  
> >  
> > Are you guys saying that this is an attempt to make a global  
> > solution to a national problem?  
> >  
> > .EU will work until the ISO decides to assign EU to a country,  
> > not knowing that we are using it for a continent. eh.  
> >  
>  
> NO NO NO -- some people say that the ONLY reason was .NA but those  
> who participated in all the exhaustive debate way back when and  
> those that have read the W3IWI paper know better. The two letter  
> continent codes have a number of flaws and the NA=Nambia one is

> only one!!!!

Hi, Roy:

Right after I pressed the 'send' button I thot that the 'you guys' might be interpreted as 'the guys that changed .NA > .NOAM, et allia', but when I re-read it, I hoped that it would be understood that the 'you guys' was the last two negative responses from Europe. Alas, no.

I hear Hank shout loudly about needing the change and I hear you 'scream' between the lines by what you don't say. I am accepting that the two letter continental codes are seriously flawed. It took reading the BBSSIG list to understand this (for me). The sysop@allus (actually anything @ allus is extremely unreliable around here) discussion never appeared locally. I am unaware of a W3IWI paper. Is there a 'final draft' available or would I need to buy it for \$20 ?

In my 2nd paragraph, I was trying to show that any two letter continental designator is subject to the same flaw as .NA. It can be a serious flaw as soon as the ISO decides to use it for a country code.

73

Chuck

nc8q

---

## 11. Re: [BBSSIG:4032] Re: Country Codes

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
Date: Tue, 3 Dec 1996 21:38:11 -0600  
To: bbssig@tapr.org  
Message-ID: <v03007859aecaa27ad626@[129.120.111.42]>  
Rendered body type: text/plain

> I hear Hank shout loudly about needing the change and I hear you  
>'scream' between the lines by what you don't say. I am accepting  
>that the two letter continental codes are seriously flawed. It took  
>reading the BBSSIG list to understand this (for me). The sysop@allus  
>(actually anything @ allus is extremely unreliable around here)  
> discussion never appeared locally. I am unaware of a W3IWI paper.  
>Is there a 'final draft' available or would I need to buy it for \$20 ?

When I get a chance next week I'll scan in both papers and put them on the BBS SIG page as ref. Part of the delay is the schedule here and I need to e-mail the authors.

greg

-----

Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
<http://www.tapr.org/~wd5ivd>  
-----

---

## 12. Re: [BBSSIG:4025] Re: Country Codes

From: "Charles E. Gelm" <gelmc@erinet.com>  
Date: Wed, 04 Dec 1996 10:59:00 -0800  
To: bbssig@tapr.org  
Message-ID: <32A5C9F4.2E8E@erinet.com>  
Rendered body type: text/plain

Lars Petterson wrote:

>  
> > I thot all hierarchical routers read from left to right.  
> > ?  
> >  
> > Chuck  
> > nc8q  
>  
> No Chuck, it's from right to left. You first check the continent,  
> then the country (or more correct country+continent) and so on.  
> If you don't do this you will get into truble.  
>  
> 73 de Lars, sm6rpz  
>  
> --  
> Lars E Pettersson | Chalmers University of Technology  
> d8lars@dtek.chalmers.se | Gothenburg  
> <http://www.dtek.chalmers.se/~d8lars/> | SWEDEN

Hi, Lars:

I am sure that my address router reads left to right, but I could be wrong. Leemme check.

73  
Chuck  
nc8q

---

### 13. Re: [BBSSIG:4034] Re: Country Codes

From: Lars Petterson <d8lars@stek.chalmers.se>  
Date: Wed, 4 Dec 1996 17:50:44 +0100 (MET)  
To: bbssig@tapr.org  
Message-ID: <199612041650.RAA07617@mis.stek.chalmers.se>  
Rendered body type: text/plain

> Hi, Lars:  
>  
> I am sure that my address router reads left to right, but I could be  
> wrong. Leemme check.  
>  
> 73  
> Chuck  
> nc8q

Ok, a correction to what I wrote, it OUGHT to be from right to left.

But some of the BBS software writers have adopted other schemes. That's one of the reasons that we were told, a couple of years ago, to add # to the local field. The software that didn't read the hierarcial address the correct way got confused... :-) If you read from right to left, expanding to the left, you'll be on the right track.

I.e.

EU  
SWE.EU  
P.SWE.EU  
SK6SA.P.SWE.EU  
TCPIP.SK6SA.P.SWE.EU

If you do it this way it doesn't matter what is written in the local field, or before SK6SA. The local field (P) is only a concern for us in Sweden and our neighbouring countries, just as TCPIP is only a concern for us at sk6sa (though the fbb BBS thinks otherwise... :-)

73 de Lars, sm6rpz

--  
Lars E Pettersson | Chalmers University of Technology  
d8lars@stek.chalmers.se | Gothenburg  
<http://www.stek.chalmers.se/~d8lars/> | SWEDEN

---

### 14. BPQ & FBB

From: iabbs@mail.telepac.pt  
Date: Wed, 4 Dec 1996 23:57:14 +0000  
To: bbssig@tapr.org  
Message-ID: <199612042355.XAA27658@mail.telepac.pt>  
Rendered body type: text/plain

Hello, i have a problem when running a KAM, under kiss mode with bpq 4.08a and fbb 5.15c.

When a user connects to the bbs the fbb allows him the first channel of the first port, let's suppose that the first port is VHF and that the user conects on the HF port, the channel that he will receive is number one, i don't know what to do, but the user will receive the configuration for VHF 1200 bauds on HF 300 bauds????

Please if there is something to do, please e-mail to:

iabbs@mail.telepac.pt

Best 73s from Miguel CT3IA.  
-----  
José Miguel Gonçalves Teixeira  
Po.Box 186  
9000 Funchal



Madeira Island  
Portugal  
-----

---

## 15. TPRS Fall Digital Symposium this weekend

From: David Wolf <wo5h@tapr.org>  
Date: Wed, 04 Dec 1996 21:48:51 -0600  
To: netsig@tapr.org  
Cc: bbssig@tapr.org  
Message-ID: <32A64623.10D0@tapr.org>  
Rendered body type: text/plain

All:

If Austin, Texas isn't too far away this weekend, you're invited to attend the 1996 Texas Packet Radio Society's Fall Digital Symposium.

Check out our web site for the agenda and details.

<http://www.tprs.org>

73, and hope to see you there!

Dave Wolf W05H  
President  
TPRS

---

## 16. P\_CACHE Pkt/HTML test data needed

From: "Charles Brabham" <n5pvl@texoma.net>  
Date: Thu, 5 Dec 1996 11:35:35 -0600  
To: "Charles Brabham" <n5pvl@texoma.com>, <bbssig@tapr.org>  
Message-ID: <199612051736.LAA13373@mail.texoma.net>  
Rendered body type: text/plain

Howdy!

I'm testing a proposal I've come up with which I'm hoping will bring HTML to amateur packet radio a little sooner. To this end, I've put a link to an article "Packet Radio and HTML" on my home page, which explains the proposal and gives you a chance to test it out on your own browser.

It works OK with my copy of MS Internet Explorer, but I have no idea how other browsers will react. If anyone here on the list would like to help put the proposal to the test and report their results, I'd be glad for any reports ( positive or negative ) since at this point I'm the only person who has tried it out.

Go to my homepage ( URL is in my "signature" ) , then choose the article "Packet Radio and HTML".

Read the article, then follow the directions in the test section. Let me know how it goes! The result I'm hoping for is that YOUR graphic file will appear ( for you only ) on MY WWW page. ( In the Test section of "Packet Radio and HTML".)

73 DE Charles Brabham, N5PVL  
Packet Radio : N5PVL @ N5PVL.#NTX.TX.USA.NOAM  
WWW: <http://www.texoma.com/~n5pvl>

---

## 17. Linux FBB 7.00 Beta 26 available !

From: Ricahard Saue <Richard.Saue@jur.uib.no>  
Date: Fri, 6 Dec 1996 17:17:03 +0100  
To: bbssig <bbssig@tapr.org>  
Message-ID: <"alf.uib.no.378:06.12.96.16.17.38"@uib.no>  
Rendered body type: text/plain

A beta version of FBB 7.00 running under Linux (X-windows and daemon) can be downloaded from F6FBB WEB server:

<http://www.f6fbb.org>

73 de Richard - LA4SGA@LA4SGA.OSL.A.NOR.EU

---

## 18. Re: [BBSSIG:4034] Re: Country Codes

From: bewhite@ibm.net  
Date: Sat, 07 Dec 96 10:28:33  
To: bbssig@tapr.org  
Message-ID: <9612071837.AA0023@localhost>

Rendered body type: text/plain

H reading Left to Right or Right to Left ????

Surely the correct way was is right to left !

Isn't Left to Right what caused all this .wa/.#wa .sa/.#sa .ma/#ma etc etc nonsense ?

From my limited reading on the matter if you read right to left and the first thing you find is .sa then it must be South America not South Australia, as you would first expect .oc then .aus then .sa. This all implies of course that the full H routing is always used.

73

Barry VK2AAB @ VK2WI  
bewhite@ibm.net

---

## 19. Re: [BBSSIG:4040] Re: Country Codes

From: Mike Fahmie <MPFahmie@lbl.gov>  
Date: Fri, 06 Dec 1996 17:49:33 -0800  
To: bbssig@tapr.org  
Message-ID: <199612070149.RAA03978@mh1.lbl.gov>  
Rendered body type: text/plain

At 05:58 PM 12/6/96 -0600, you wrote:

>H reading Left to Right or Right to Left ????

>

> Surely the correct way was is right to left !

>

> Isn't Left to Right what caused all this .wa/.#wa .sa/.#sa .ma/#ma  
>etc etc nonsense ?

>

> From my limited reading on the matter if you read right to left and  
>the first thing you find is .sa then it must be South America not South  
>Australia, as you would first expect .oc then .aus then .sa. This all  
>implies of course that the full H routing is always used.

>

Although I like to keep H\_Addr's complete, it is not necessary to include those parts that are identical to those of the bbs examining it, ie, USA.NOAM is not required if you are in USA.NOAM.

AA4RE provides a mechanism to insure that partial H\_Addrs are not erroneously evaluated, the statements;

```
"#NCA\CA\USA\NOAM    NORTHCA
"#NCA.NY\USA\NOAM    NEWYORK
```

translated mean that;

1. #NCA goes to NORTHCA
2. #NCA.CA goes to NORTHCA
3. #NCA.CA.USA goes to NORTHCA
4. #NCA.CA.USA.NOAM goes to NORTHCA
5. #NCA.NY.etc goes to NEWYORK
6. #NCA.anything\_else drops through and, unless specifically provided for, is not routed and is presented to the sysop for action

This is the correct way to evaluate a complete OR partial H\_Addr, there can be no "Nambia" type screwups (unless the H\_Addr was entered wrong in the first place (in which case, all bets are off anyway)).

"\" in this context means that everything right of the "\" is optional, but if present, must match.

-Mike-

Mike Fahmie - Advanced Light Source  
Lawrence Berkeley National Laboratory  
(510) 486-4030 - MPFahmie@lbl.gov  
WA6ZTY @ N6EEG

---

## 20. Fwd Partner in HF

From: "Miguel Teixeira" <iabbs@mail.telepac.pt>  
Date: Wed, 11 Dec 1996 23:46:46 +0000  
To: bbssig@tapr.org  
Message-ID: <199612112345.XAA12519@mail.telepac.pt>  
Rendered body type: text/plain

Hello dear sysop, name here is Miguel CT3IA, i am looking for a fwd partner in HF, the frequency is 14.111.00 LSB, the antenna is mainly directed to Europe, but i can surely put it to other way, also available on other bands, including 30 meters, but i prefer some station in 15 meters, because we could gain with the monoband for 15 meters.

So hope to have an answer from you boys.

Best 73s from Miguel CT3IA.

-----  
Jose Miguel Goncalves Teixeira  
Po.Box 186  
9000 Funchal  
Madeira Island  
Portugal  
-----

---

## 21. NEW WIN95 & WINNT true 32bit Packet Programs

From: ROSSOPOYLOS GEORGE <sv2agw@the.forthnet.gr>  
Date: Thu, 12 Dec 1996 16:41:15 +-200  
To: "'bbssig@tapr.org'" <bbssig@tapr.org>  
Message-ID: <01BBE855.BBC5FEC0@ppp7.the.forthnet.gr>  
Rendered body type: text/plain

[Empty message body]  
[Attachment: sv2rq.txt; text/plain; 2,770 bytes]

---

## 22. addition NEW WIN95 & WIN-NT true 32 bit Packet Programs

From: ROSSOPOYLOS GEORGE <sv2agw@the.forthnet.gr>  
Date: Fri, 13 Dec 1996 09:40:04 +-200  
To: "'bbssig@tapr.org'" <bbssig@tapr.org>  
Message-ID: <01BBE8D9.D8AA3040@ppp1.the.forthnet.gr>  
Rendered body type: text/plain

Yesterday i sent a text file announcing my new WIN95 Packet Programs.  
I would like to add that all the programs can run Simultaneously even with just a TNC<>TRCVR. Of course you can have attached more than just a TNC<>TRCVR.  
In my site there are also photos of the programs running.  
<http://www.forthnet.gr/sv2agw>

73  
GEORGE  
SV2AGW@SV2DXC.TSL.GRC.EU  
sv2agw@the.forthnet.gr

---

## 23. FBB Compression Code

From: "Rod Fowler (afa1nc)" <k2adj@mosquito.com>  
Date: Mon, 16 Dec 1996 21:43:29 -0500  
To: bbssig@tapr.org  
Message-ID: <199612170248.VAA13321@itchy.mosquito.com>  
Rendered body type: text/plain

I have a friend that is not on ths SIG that is looking for the SITE that he can go to obtain the source code and specifications for the FBB Style Compression.

This is not for the whole BBS which I am sure FBB keeps tightly locked in a vault but just the compression code.

Appreciate your help..

73 de Rod

---

## 24. Re: [BBSSIG:4045] FBB Compression Code

From: Jg <jgg@exit109.com>  
Date: Mon, 16 Dec 1996 22:22:11 -0500  
To: bbssig@tapr.org  
Message-ID: <3.0.32.19961216221743.006b7d28@hiway1.exit109.com>  
Rendered body type: text/plain

At 08:47 PM 12/16/96 -0600, you wrote:  
>I have a friend that is not on ths SIG that is looking for the SITE that he can  
>go to obtain the source code and specifications for the FBB Style Compression.  
>  
>This is not for the whole BBS which I am sure FBB keeps tightly locked in a  
>vault but just the compression code.

>

Rod,

All you have to do is check out the FBB page....

<http://www.f6fbb.org/>

73, John WT3V

---

## 25. RE: [BBSSIG:4045] FBB Compression Code

From: ROSSOPOYLOS GEORGE <sv2agw@the.forthnet.gr>  
Date: Tue, 17 Dec 1996 08:46:33 +-200  
To: "'bbssig@tapr.org'" <bbssig@tapr.org>  
Message-ID: <01BBEBF6.DFD9DDA0@ppp24.the.forthnet.gr>  
Rendered body type: text/plain

-----  
From: Rod Fowler (afa1nc)[SMTP:k2adj@mosquito.com]  
Sent: AaoYna, AaeYianeio 16, 1996 10:47 ii  
To: bbssig@tapr.org  
Subject: [BBSSIG:4045] FBB Compression Code

I have a friend that is not on ths SIG that is looking for the SITE that he can go to obtain the source code and specifications for the FBB Style Compression.

This is not for the whole BBS which I am sure FBB keeps tightly locked in a vault but just the compression code.

Appreciate your help..

73 de Rod

You can find everything in F6FBB site.If you need any further info i can help.  
73 George

---

## 26. QRZ database w/F6FBB 7.00a

From: kfarm@rt66.com (Kirk Farm)  
Date: Tue, 17 Dec 1996 21:35:42 -0700 (MST)  
To: bbssig@tapr.org  
Message-ID: <199612180435.VAA06340@Rt66.com>  
Rendered body type: text/plain

I've been trying to get the Vol. 7 QRZ callsign database CD-ROM to work with F6FBB 7.00a. ...using NK3T's QRZQTH ver. 1 program. I renamed the QRZQTH.cfg and QRZQTH.exe files to simply QRZ.cfg and QRZ.exe too simplify execution. However, when I try to run QRZ from the F6FBB main menu, it locks up F6FBB. I have done everything per NK3T's instructions in setting this program up. So I'm really "stuck" on this one! Even leaving the files with their original names, and typing QRZQTH at the > prompt in F6FBB does the same thing... locks up.

It doesn't lock up Windows 3.11, or the G8BPQ switch, just F6FBB. Which by doing a "CTRL-ALT-DEL"... I can simply restart the BBS, without restarting Windows 3.11 or the underlying G8BPQ switch.

I am running a 486 DX2/66, VESA local bus machine with 16 Meg of RAM. 250 Meg HD.

As far as F6FBB ver. 7.00a goes.... it runs great on my system without any problems at all. The G8BPQ switch runs 5 radio ports.

If anyone can give me any ideas on how to get the QRZ callsign database to run with the version of F6FBB I am using, it would be GREATLY appreciated! I've been trying for nearly 2 months to get this to work without success.... so any suggestions or help would be fantastic.

73 de Kirk -- N5PVS  
Albuquerque, NM

---

Call sign: N5PVS  
Internet address: kfarm@rt66.com

## 27. RE: [BBSSIG:4045] FBB Compression Code

From: kc4gck@STC.Net  
 Date: Wed, 18 Dec 1996 18:21:53 -0500 (EST)  
 To: bbssig@tapr.org  
 Message-ID: <Chameleon.961218182320.kc4gck@STC.NET.STC.NET>  
 Rendered body type: text/plain

Rod --

Sorry, but I'm running MSYS here & don't know if you could get the compression info from them, but it might well be worth a shot, since you can forward in compressed mode between the two.

Just a thought .....

-----  
 Name: Buck Cheves  
 E-mail: kc4gck@stc.net  
 Date: 12/18/96  
 Time: 18:21:53

## 28. RE: FBB Compression Code

From: Sid Ashen-Brenner <sashen@midusa.net>  
 Date: Wed, 18 Dec 1996 20:17:34 -0600  
 To: bbssig@tapr.org  
 Message-ID: <3.0.32.19961218201724.00697324@midusa.net>  
 Rendered body type: text/plain

```
<html>
<head>
  <title>F6FBB Pages : FBB</title>
  <meta name="GENERATOR" content="Mozilla/2.01Gold (Win32)">
</head>
<body text="#000000" bgcolor="#C0C0C0" link="#0000EE" vlink="#551A8B" alink="#FF0000"
background="http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/back_fbb.jpg">
<!DOCTYPE HTML PUBLIC "-//AS//DTD HTML 3.0 asWedit + extensions//EN>
<h1 align=center>FBB forwarding protocol</h1>

<p>Fbb forwarding protocols can operate either in ASCII or binary compressed
modes.</p>

<p>This page describes the three versions of this protocol. Each
version is backwards compatible with the previous one. These versions are
:</p>

<ul>
<li><a
href="http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/protocole.html#Basic">Ascii
basic protocol</a></li>

<li><a
href="http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/protocole.html#version0">Binary
compressed protocol version
0</a></li>

<li><a
href="http://ftp.tapr.org/tapr_history/SIG_Archives/bbssig/mail_archive/protocole.html#version1">Binary
compressed protocol version
1</a></li>
</ul>

<p>Source code is available. Click <a
href="ftp://ftp.f6fbb.org/pub/f6fbb/utlils/lzhuf_1.zip">here</a>.</p>

<h2>
<hr width="100%" ><a name="Basic"></a>Ascii
Basic Protocol</h2>

<ul>
<li>The Ascii protocol in FBB software implements two forward protocols. The first one is the standard
MBL/RLI protocol. The second one was developed for greater
efficiency, particularly on long links where the command propagation delays

```

occupy a significant portion of time.  
The exchange of commands and data is reduced to a minimum by sending several requests at a time. In normal VHF use up to five requests or messages are sent in one block. The data transfer direction is reversed after every block of data, This minimises the delaying effect of long links through Nodes and digipeaters, and also saves some time over short links (eg HF...). </li>

<li>FBB protocol is very simple in operation. It is based on MID/BID message identification. The protocol availability is indicated by the F letter in the SID (system type identifier contained in square brackets). All protocol command lines start in first column with the 'F' character. All protocol command lines are terminated by a return (CR) character. </li>

<li>This is the specification of the basic Ascii protocol. When I connect to another BBS that is FBB protocol capable, I will receive the SID followed by some text and the prompt (&quot;&quot;). The SID must contain the F flag, I send immediately my SID and the first proposal.  
<br clear=both></li>

<li>Proposals looks like : </li>

<dt>FB P F6FBB FC1GHV FC1MVP 24657\_F6FBB 1345 </dt>

<dt>F&gt; </dt>

<ul>  
<li>FB : Identifies the type of the command (proposal)</li>

<li>P : Type of message (P = Private, B = Bulletin).</li>

<li>F6FBB : Sender (from field).</li>

<li>FC1GHV : BBS of recipient (@field).</li>

<li>FC1MVP : Recipient (to field).</li>

<li>24657\_F6FBB : BID ou MID.</li>

<li>1345 : Size of message in bytes.</li>

<li>F&gt; : End of proposal.

<br clear=both></li>  
</ul>

<li>ALL the fields are necessary. This kind of command must hold seven fields. If a field is missing upon receipt, an error message will be sent immediately followed by a disconnection. </li>

<li>Messages are sent in blocks. There can be up to five FB command proposals per block. The number of command proposals are determined by the maximum size of a block of messages. In FBB software there is a parameter in INIT.SRV file which defines the maximum size of the message block. It is set by default to 10KB for VHF use. It can be adjusted according to the quality of the link.  
<br clear=both></li>

<li>Example of proposal : </li>  
</ul>

<dd>FB P F6FBB FC1GHV.FFPC.FRA.EU FC1MVP 24657\_F6FBB 1345 </dd>

<dd>FB P FC1CDC F6ABJ F6AXV 24643\_F6FBB 5346 </dd>

<dd>FB B F6FBB FRA FBB 22\_456\_F6FBB 8548 </dd>

<dd>F&gt; </dd>

<ul>  
<li>This proposal is limited to three FB lines, as the total size of the messages overran the 10KB limit defined for this link. </li>  
</ul>

<ul>  
<li>When receiving the proposal, the other BBS will reject, accept or defer each message. This done with an FS line : </li>

<dt>FS -+= </dt>

```

<li>This means : </li>

<ul>
<li>I don't want the first message (-). I need the second message (+).
Defer the third message, as I'm already receiving it (=). </li>

<li>You would defer a message if you are already receiving
it on a other channel, or if you think that the message is too big, or for
some other reason. The message should be proposed again at the next connection.

<br clear=both></li>
</ul>

<li>FS line MUST have as many +,-,= signs as lines in the proposal. </li>

<li>After receiving the FS lines, the block of messages will be sent. Each
message is has :</li>

<ul>
<li>the title on the first line, </li>

<li>the text, </li>

<li>the Ctrl Z in the last line. </li>
</ul>

<li>Then the next message</li>

<ul>
<li>the title on the first line, </li>

<li>the text, </li>

<li>the Ctrl Z in the last line. </li>
</ul>

<li>And so on until the number of messages in the block has been sent.

<br clear=both></li>

<li>When the other BBS has received all the messages in a block, it
implicitly acknowledges
by sending its proposal for messages that it wants to send back to you, and
thus the direction of transfer is reversed. </li>

<li>If there are no message to send, it only sends a line : </li>

<dt>FF </dt>

<li>This line must not to be followed by a F&gt;. </li>

<li>If the other side has no message (after receiving an FF), it sends a line : </li>

<dt>FQ</dt>

<li>and disconnects. </li>

<dt>----- </dt>

<dt>Connects xxxxx</dt>

<dt>Connected to xxxxx</dt>

<ul>
<ul>
<dt><i>[FBB-5.11-FHM$]</i></dt>

<dt><i>Welcome, Jean-Paul. </i></dt>

<dt><i>&gt; </i></dt>
</ul>
</ul>

<dt>[FBB-5.11-FHM$] <b>(F6FBB has the F flag in the SID)</b> </dt>

<dt>FB P F6FBB FC1GHV.FFPC.FRA.EU FC1MVP 24657_F6FBB 1345 </dt>

<dt>FB P FC1CDC F6ABJ F6AXV 24643_F6FBB 5346 </dt>

```

```

<dt>FB B F6FBB FRA FBB 22_456_F6FBB 8548 </dt>

<dt>F&gt; </dt>

<ul>
<ul>
<dt><i>FS ++ <b>(accept the 1st and the 3rd)</b></i></dt>
</ul>
</ul>

<dt>Title 1st message</dt>

<dt>Text 1st message ..... </dt>

<dt>^Z </dt>

<dt>Title 3rd message </dt>

<dt>Text 3rd message ..... </dt>

<dt>^Z </dt>

<ul>
<ul>
<dt><i>FB P FC1GHV F6FBB F6FBB 2734_FC1GHV 234 </i></dt>

<dt><i>FB B FC1GHV F6FBB FC1CDC 2745_FC1GHV 3524 </i></dt>

<dt><i>F&gt; </i></dt>
</ul>
</ul>

<dt>FS -- <b>(Don't need them, and I send immediately the proposal)</b></dt>
<dt>FB P FC1CDC F6ABJ F6AXV 24754_F6FBB 345 </dt>

<dt>F&gt; </dt>

<ul>
<ul>
<dt><i>FS + <b>(Accepts the message)</b></i></dt>
</ul>
</ul>

<dt>Title message </dt>

<dt>Text message ..... </dt>

<dt>^Z </dt>

<ul>
<ul>
<dt><i>FF <b>(no more message)</b></i></dt>
</ul>
</ul>

<dt>FB B F6FBB TEST FRA 24654_F6FBB 145 </dt>

<dt>F&gt; </dt>

<ul>
<ul>
<dt><i>FS + <b>(Accepts the message)</b> </i></dt>
</ul>
</ul>

<dt>Title message </dt>

<dt>Text message ..... </dt>

<dt>^Z </dt>

<ul>
<ul>
<dt><i>FF <b>(still no message)</b> </i></dt>
</ul>
</ul>

<dt>FQ <b>(No more message)</b></dt>

```



<dt>Disconnection</dt>

<dt>Disconnection of the link.</dt>

<dt></dt>

<li>In this example, FBB protocol is used as the two BBSs had the F flag in their SIDs. If F6FBB had sent the SID [FBB-5.10-MH\$] when answering FC1GHV, the protocol would have been standard MBL/RLI. </li>

</ul>

<h2>

<hr width="100%" ><a name="version0"></a>Binary Compressed Forward Version 0</h2>

<ul>

<li>The compressed version of the protocol is an extension to the basic Ascii protocol. Compressed forward is indicated a letter B in the SID [FBB-5.15-BFHM\$]. As it is an extension of the basic protocol, the SID must also have a letter F. A SID with just a letter B (and no F) will be treated as having neither letter. </li>

<li>In the message proposal section there are now two possible commands: FA means that the transfer will be an ascii compressed message and FB means that the message will be a binary compressed file (this last possibility is not yet implemented). <br clear=both></li>

<li>The submission of an ascii message will be in the form : </li>

<dt>FA P FC1CDC F6ABJ F6AXV 24754\_F6FBB 345 </dt>

<li>The submission of a binary file will be in the form : </li>

<dt>FB P FC1CDC F6ABJ F6AXV 24754\_F6FBB 345 </dt>

<li>The actual message content is transfered in a different format from the Ascii protocol. The transfer is done in binary mode. The format used is derived from the YAPP protocol which is very reliable. Each message is made up of a header, blocks of data, an end of message marker and a checksum. This is directly equivalent to the transfer of one message in the Ascii protocol. Unlike YAPP transfers, there is no individual packet acknowledgement during the transmission of messages, the protocol is thus simpler and more efficient. <br></li>

<li><b>Format of header for an ascii compressed message (type FA) : </b></li>

<dt>&lt;SOH&gt; 1 byte = 01 hex </dt>

<dt>Length of the header 1 byte = Length of the title and offset, including the two separating &lt;NUL&gt; characters</dt>

<dt>Title of the message 1 to 80 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex </dt>

<dt>Offset 1 to 6 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex</dt>

<li><b>Format of header for a binary compressed file (type FB) : </b></li>

<dt>&lt;SOH&gt; 1 byte = 01 hex </dt>

<dt>Length of the header 1 byte = Length of the filename and offset, including the two &lt;NUL&gt; characters. </dt>

<dt>Name of the file 1 to 80 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex </dt>

<dt>Offset 1 to 6 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex </dt>

<li>French regulations require that the title of the message or the file name are transmitted in readable ascii and are not compressed. </li>

<li>The offset is also transmitted in ascii and specifies the offset at which the data should be inserted in the file (in case of a fragmented file). In the version 5.12, this parameter is not utilized and is always equal to zero. </li>

<li>A data block contains from one to 256 bytes. It begins by two bytes which specify the format.  
<br></li>

<li><b>Data block format : </b></li>

<dt>&lt;STX&gt; 1 byte = 02 hex </dt>

<dt>Size of data 1 byte = 00 to ff hex. if length is 256 bytes, the value is 00. </dt>

<dt>Data bytes 1 to 256 bytes </dt>

<li>The last data block is followed by the end of file specifier and the checksum.  
<br clear=both></li>

<li>End of file specifier format : </li>

<dt>&lt;EOT&gt; 1 byte = 04 hex </dt>

<dt>Checksum 1 byte = 00 to ff hex </dt>

<li>The checksum is equal to the sum of all the data bytes of the transmitted file, modulo 256 (8 bits) and then two's complemented. </li>

<li>The checking of the checksum is very simple : The sum of the data bytes from the file and the checksum received modulo 256 shall be equal to zero. </li>

<li>In case of a checksum error, the message or the file is ignored and the system issues a disconnect request after having sent the comment : </li>

<dt>\*\*\* Erreur checksum  
<br></dt>

<li>Ascii values of the characters (1 byte) used in the protocol : </li>

- <li>&lt;NUL&gt; = 00 hex </li>
- <li>&lt;SOH&gt; = 01 hex </li>
- <li>&lt;STX&gt; = 02 hex </li>
- <li>&lt;EOT&gt; = 04 hex  
<br></li>

<li>Most of ideas for this binary transmission comes from YAPP protocol. Thanks to WA7MBL. </li>

</ul>

## --- - <li>This protocol, used for the transfer of compressed ascii messages or binary files, is an extension to the existing version 0 protocol. This version is indicated by the presence of the letters B1 in the SID :</li> <dt>[FBB-5.15-B1FHLMS].</dt>

<li>As in version 0, there must also be a letter F in the SID for this version to be used.</li>

<li>The differences with regard to the version 0 are: </li>

<ul>

<li>A variable number of extra fields in each submit line including at least the seven fields of the previous version.</li>

<li>A new set of answers in an FS line :</li>

<ul>

<li>+ or Y : Yes, message accepted</li>

<li>- or N : No, message already received</li>

<li>= or L : Later, already receiving this message</li>

<li>H : Message is accepted but will be held</li>

<li>R : Message is rejected</li>

<li>E : There is an error in the line</li>

<li>!Offset : Yes, message accepted from (Offset)</li>  
</ul>

<li>Most of these answer do not need explanation or were already used in previous version. + and Y, - and N, = and L are equivalent but are still available for compatibility. </li>

<li>!Offset asks the remote BBS to start transfer from Offset. </li>  
</ul>

<li>For instance, YL!3350RH (or +L!3350RH) means that : </li>

<ul>

<li>1st message is accepted </li>

<li>2nd message is delayed </li>

<li>3rd message will be sent from offset 3350 (in compressed file) </li>

<li>4th message is refused </li>

<li>5th message is accepted but will be held

<br></li>

</ul>

<li>The submission of an ascii message will be in the form : </li>

<dt></dt>

<dt>FA P FC1CDC F6ABJ F6AXV 24754\_F6FBB 345</dt>

<dt></dt>

<li>The submission of a binary file will be in the form : </li>

<dt></dt>

<dt>FB P FC1CDC F6ABJ F6AXV 24754\_F6FBB 345</dt>

<dt></dt>

<li>The actual message content is transferred in a different format from the Ascii protocol. The transfer is done in binary mode. The format used is derived from the YAPP protocol which is very reliable. Each message is made up of a header, blocks of data, an end of message marker and a checksum. This is directly equivalent to the transfer of one message in the Ascii protocol. Unlike YAPP transfers, there is no individual packet acknowledgement during the transmission of messages, the protocol is thus simpler and more efficient.  
<br></li>

<li><b>Format of header for an ascii compressed message (type FA)  
: </b></li>

<dt>&lt;SOH&gt; 1 byte = 01 hex </dt>

<dt>Length of the header 1 byte = Length of the title and offset, including the two separating &lt;NUL&gt; characters</dt>

<dt>Title of the message 1 to 80 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex </dt>

<dt>Offset 1 to 6 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex</dt>

<li><b>Format of header for a binary compressed file (type FB) :</b></li>

<dt>&lt;SOH&gt; 1 byte = 01 hex </dt>

<dt>Length of the header 1 byte = Length of the filename and offset, including the two &lt;NUL&gt; characters. </dt>

<dt>Name of the file 1 to 80 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex </dt>

<dt>Offset 1 to 6 ascii bytes </dt>

<dt>&lt;NUL&gt; 1 byte = 00 hex </dt>

<li>French regulations require that the title of the message or the file name are transmitted in readable ascii and are not compressed. </li>

<li>The offset is also transmitted in ascii and specifies the offset at which the data should be inserted in the file (in case of a fragmented file). In the version 5.12, this parameter is not utilized and is always equal to zero. </li>

<li>A data block contains from one to 256 bytes. It begins by two bytes which specify the format.<br></li>

<li><b>Data block format : </b></li>

<dt>&lt;STX&gt; 1 byte = 02 hex </dt>

<dt>Size of data 1 byte = 00 to ff hex. if length is 256 bytes, the value is 00. </dt>

<dt>Data bytes 1 to 256 bytes </dt>

<li>The first transmitted block of data must contain a header containing :</li>

- <li>the CRC16 of the full binary file (2 bytes)</li>
- <li>the size of the full uncompressed file (4 bytes)</li>

<li>This data is in little-endian Intel format (less significant first).<br></li>

<li>The last data block is followed by the end of file specifier and the checksum of the data sent.<br></li>

<li>End of file specifier format : </li>

<dt>&lt;EOT&gt; 1 byte = 04 hex Checksum 1 byte = 00 to ff hex </dt>

<dt></dt>

<li>The checksum is equal to the sum of all the data bytes of the transmitted data, modulo 256 (8 bits) and then two's complemented. </li>

<li>The checking of the checksum is very simple : </li>



Email: ferracci@hol.fr  
http://wwwperso.hol.fr/~ferracci  
AX25: F1JKJ@F5KAT.FMLR.FRA.EU

Laurent Montpellier [FRANCE]

```
>
>>Someone came up with www.f6fbb.com or something like that and the fellow
>>got everything he needed.. Thanks anyway..
>
>All i got here (and i'm sure i'm not the only one) is 675 lines of
```

site the information on digital systems that until now has been printed in the annual ARRL Repeater Directory. Information on digital systems will not be published in the 1997-98 edition of the Repeater Directory, permitting the publication to better focus on its primary use as a guide to voice repeaters for traveling Amateurs.

In planning the 1997-98 edition, the ARRL concluded that the Repeater Directory was no longer the most effective medium for this information. Discussions involving various regional digital groups that provide data to the digital section of the Repeater Directory led to the conclusion that TAPR was the logical group to take on the task of a new North American Digital System Directory.

This new database system will describe systems used by amateur radio stations involved in digital communications in the United States, Canada, and Mexico. The Digital System Directory will be based on information provided by regional, state, and local organizations as well as individuals in a nearly real-time format. This should allow information to be maintained and updated more frequently than in a yearly publication. TAPR will also work with participating organizations to make this information available on TAPR's yearly CD-ROM as well as some future publication for local/regional groups to distribute.

The purpose of the Digital System Directory is not to manage, coordinate, or regulate the usage of digital systems, but to provide the most up to date and accurate listing of digital systems that can be provided. Neither is it a formal organization, but a mechanism to allow regional groups to provide and share information regarding digital systems.

The Digital System Directory is intended for use by individuals to further their enjoyment of the hobby and by organizations to help plan and develop digital networks.

Regional/Local groups including TwinsLAN, Texas Packet Radio Society, Miami Valley FM Association, Ohio Area Repeater Council, Puget Sound AR TCP/IP Group, Northern California Packet Association, Northern Illinois Packet Radio Frequency Council, Indiana Digital Experimenters Association, Central Lakeshore Experimenter's Digital Organization, HogNet Packet Radio Association, YCCC Sysops Association, and the Missouri Amateur Packet Radio Society have already begun to participate in the process. TAPR encourages other regional groups to support this project by contributing data from their respective areas.

For further information on the project and how to get involved, regional groups should check <http://www.tapr.org/directory> or send e-mail to Carl Estey, [wa0cqg@tapr.org](mailto:wa0cqg@tapr.org)

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Released on: 12-16-96  
by: TAPR and ARRL

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### 33. BBS Hierarchical Addressing Protocol

From: "Greg Jones, WD5IVD" <[wd5ivd@tapr.org](mailto:wd5ivd@tapr.org)>  
Date: Fri, 20 Dec 1996 02:28:37 -0600  
To: "BBS SIG list mailing" <[bbssig@tapr.org](mailto:bbssig@tapr.org)>  
Message-ID: <[v0300780eaeedffdfceal@208.134.134.42](mailto:v0300780eaeedffdfceal@208.134.134.42)>  
Rendered body type: text/plain

Someone asked several weeks ago if we could add the scanned pages for the two references noted in the recommendation.

I finally had a little time to do it this morning while waiting for something else to finish compiling. The two pdf files are located in the ref section of <http://www.tapr.org/tapr/html/bbssig.hier.html>

Good reading.

Cheers - Greg

-----  
Greg Jones, WD5IVD  
Austin, Texas  
[wd5ivd@tapr.org](mailto:wd5ivd@tapr.org)  
<http://www.tapr.org/~wd5ivd>  
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### 34. Re: [BBSSIG:4053] RE: FBB Compression Code

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 20 Dec 1996 06:27:13 -0700 (MST)  
To: bbssig@tapr.org  
Message-ID: <199612201327.GAA04617@acca.nmsu.edu>  
Rendered body type: text/plain

At 03:58 PM 12/19/96 -0600, you wrote:  
>At 02:34 PM 12/19/96 -0600, you wrote:  
>>On Thu, 19 Dec 1996 00:30:08 -0600 (CST), you wrote:  
>>  
>>>Someone came up with [www.f6fbb.com](http://www.f6fbb.com) or something like that and the fellow  
>>>got everything he needed.. Thanks anyway..  
>>  
>>All i got here (and i'm sure i'm not the only one) is 675 lines of  
>  
>  
> Well it helps if you use the proper address. So you will get it I  
>will write it again.  
>  
>  
>  
>  
> [www.f6fbb.org](http://www.f6fbb.org)  
>  
>  
>Don't forget the <http://> too.  
>  
>  
>73, de Karl aka k5di  
>  
> Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
> k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

Another thing, if you want faster downloads use Win\_FTP and to reach  
John-Paul you use:

[ftp.f6fbb.org](ftp://f6fbb.org)

Using Netscape it doesn't understand that [xyz.tar.gz](#) needs to be  
saved as a file. And the place you tell it to save as a file is very complex!

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

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## 35. Re: [BBSSIG:4054] NA DIgital Directory

From: "Karl F. Larsen" <k5di@acca.nmsu.edu>  
Date: Fri, 20 Dec 1996 06:58:25 -0700 (MST)  
To: bbssig@tapr.org  
Message-ID: <199612201358.GAA05092@acca.nmsu.edu>  
Rendered body type: text/plain

At 11:40 PM 12/19/96 -0600, you wrote:  
>Greg Jones, WD5IVD wrote:  
>>From tapr-sys@tapr.org Mon Dec 16 16:16:18 1996  
>>Date: Mon, 16 Dec 1996 16:15:37 -0600 (CST)  
>>Message-Id: <v03007805aedb79e39321@[208.134.134.42]>  
>>Reply-To: tapr-sys@tapr.org  
>>Originator: tapr-sys@tapr.org  
>>Sender: tapr-sys@tapr.org  
>>Precedence: bulk  
>>From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
>>To: tapr-sys@tapr.org  
>>Subject: [TAPR-SYS:603] North American Digital System Directory

SNIP!

It's nice that TAPR is taking over the digital part since the ARRL  
seemed not capable of doing it. What they had was obscure.

In the TAPR list I want to see the Ham Gateway network displayed  
complete with the 44.x.x.x subnet(s) that they serve. At this point there  
are a lot of Gateways but not all of them are set up properly.

By proper I mean exactly this: I should be able to "ping" every  
tcp/ip user that is listed in a subnet. This is not the case. A list that



shows what guys Think is set up will allow others to verify if it is really up.

If you have a Gateway near you and are running NOS, try and ping 44.30.2.5 which is me. I'm up 24 hours a day every day and so is my Gateway 44.30.2.34...

If you can ping the Gateway you can ping me.

73, de Karl aka k5di

Karl F. Larsen Box 74, Mesilla Park, NM 88047 (505) 524-3303  
k5di@k5di.cruces.nm.usa.noam k5di@acca.nmsu.edu k5di@juno.com

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### 36. Re: [BBSSIG:4055] BBS Hierarchical Addressing Protocol

From: Roy <garlic@garlic.com>  
Date: Fri, 20 Dec 1996 07:12:01 -0800  
To: bbssig@tapr.org  
Message-ID: <32BAACC1.2B38@garlic.com>  
Rendered body type: text/plain

Thanks Greg!

Hopefully anyone interested in why 4 letter deisgnators are recommended can now get some more of the facts rather than the rumors

Roy

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### 37. TAPR ftp uploads

From: Barry Buelow WA0RJT <barry@ia.net>  
Date: Thu, 26 Dec 1996 12:08:06 -0600 (CST)  
To: bbssig@tapr.org  
Message-ID: <199612261808.MAA10391@zeus.ia.net>  
Rendered body type: text/plain

Holiday Greetings to all on BBSSIG.

I've got a few days off and managed to find the time to clean up the BBSSIG ftp area. Most of the files in UPLOAD have been moved to a PUBLIC subdir. A few older items were deleted.

If you post anything new to the UPLOAD area, please post both a .ZIP file with the program and documentation as well as a .INF file with a brief description of the program or files.

Thanks,  
Barry

---

### 38. Jeff Jacobsen, WA7MBL

From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>  
Date: Tue, 31 Dec 1996 17:10:15 -0600  
To: "BBS SIG list mailing" <bbssig@tapr.org>  
Message-ID: <v03007809aeef4dc8243b@[129.120.111.42]>  
Rendered body type: text/plain

Does anyone have an e-mail address for Jeff Jacobsen, WA7MBL ?

Cheers - Greg

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Greg Jones, WD5IVD  
Austin, Texas  
wd5ivd@tapr.org  
<http://www.tapr.org/~wd5ivd>  
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